

## Atomic Radius

Played on	8 Nov 2019
Hosted by	JenKrug
Played with	25 players
Played	10 of 10

## Overall Performance

Total correct answers (%)	80,80%
Total incorrect answers (%)	19,20%
Average score (points)	8492,0



## Feedback

Number of responses	0
How fun was it? (out of 5)	0,00 o
Did you learn something?	0,00%
Do you recommend it?	0,00%
How do you feel?	

Switch tabs/pages to view other result breakdown

## Overview


%
%
08 points

ut of 5			
Yes	0,00% No		
Yes	0,00% No		
0,00% Positive		0,00% Neutral	

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## Overview

Sentiment	Percentage
Very Positive	~45%
Positive	~35%
Neutral	~15%
Negative	~5%
Very Negative	0,00%

## Final Scores

# Atomic Radius

## Final Scores

Rank	Players	Total Score	Correct Answers	Incorrect Answers
1	caroline	12437	10	0
2	aidan	12270	10	0
3	Noah	12041	10	0
4	reagan	11923	10	0
5	bri	11631	10	0
6	Shepard	11173	10	0
7	kaitlyn	11170	10	0
8	braxton	11037	10	0
9	Sam Sweetser	10885	10	0
10	Karlee	10805	10	0
11	Parker	9541	9	1
12	adelle	9311	9	1
13	Chris	9135	9	1
14	Cole	8801	9	1
15	aj	7726	8	2
16	Kyle Daniels	7622	8	2
17	Kyle	7326	8	2
18	Mithil	6636	7	3
19	Maddie B	6398	7	3
20	Hudson	5476	6	4
21	Sam c	4844	6	4
22	Mikayla :-)	4780	6	4

# Final Scores

23	Tyler the Great	3626	4	6
24	netta	3625	4	6
25	Jacobs	2083	2	9

# Atomic Radius

## Kahoot! Summary

Rank	Players
1	caroline
2	aidan
3	Noah
4	reagan
5	bri
6	Shepard
7	kaitlyn
8	braxton
9	Sam Sweetser
10	Karlee
11	Parker
12	adelle
13	Chris
14	Cole
15	aj

### Kahoot! Summary

16	Kyle Daniels
17	Kyle
18	Mithil
19	Maddie B
20	Hudson
21	Sam c
22	Mikayla :-)
23	Tyler the Great
24	netta
25	Jacobs

# Kahoot! Summary

Total Score (points)	Q1
12437	945
12270	890
12041	892
11923	792
11631	858
11173	813
11170	768
11037	785
10885	775
10805	817
9541	812
9311	915
9135	800
8801	932
7726	0



### Kahoot! Summary

7622	850
7326	793
6636	822
6398	815
5476	808
4844	818
4780	797
3626	873
3625	953
2083	1000

# Kahoot! Summary

Define Radius	Q2
A straight line from the center of the circumference of a circle or sphere	997
A straight line from the center of the circumference of a circle or sphere	1027
A straight line from the center of the circumference of a circle or sphere	970
A straight line from the center of the circumference of a circle or sphere	1022
A straight line from the center of the circumference of a circle or sphere	1030
A straight line from the center of the circumference of a circle or sphere	973
A straight line from the center of the circumference of a circle or sphere	928
A straight line from the center of the circumference of a circle or sphere	912
A straight line from the center of the circumference of a circle or sphere	932
A straight line from the center of the circumference of a circle or sphere	913
A straight line from the center of the circumference of a circle or sphere	1030
A straight line from the center of the circumference of a circle or sphere	1045
A straight line from the center of the circumference of a circle or sphere	925
A straight line from the center of the circumference of a circle or sphere	930
a straight line from one side of a circle or sphere to the other side	848

# Kahoot! Summary

A straight line from the center of the circumference of a circle or sphere	1032
A straight line from the center of the circumference of a circle or sphere	1013
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	843
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	0
A straight line from the center of the circumference of a circle or sphere	1083

# Kahoot! Summary

How is atomic radius measured?	Q3
the distance between two nuclei of two atoms	1107
the distance between two nuclei of two atoms	865
the distance between two nuclei of two atoms	888
the distance between two nuclei of two atoms	932
the distance between two nuclei of two atoms	802
the distance between two nuclei of two atoms	833
the distance between two nuclei of two atoms	825
the distance between two nuclei of two atoms	863
the distance between two nuclei of two atoms	797
the distance between two nuclei of two atoms	793
the distance between two nuclei of two atoms	1047
the distance between two nuclei of two atoms	912
the distance between two nuclei of two atoms	838
the distance between two nuclei of two atoms	902
the distance between two nuclei of two atoms	923

### Kahoot! Summary

the distance between two nuclei of two atoms	923
the distance between two nuclei of two atoms	998
the distance between the membranes of two atoms	0
the distance between the membranes of two atoms	753
the distance between the membranes of two atoms	832
the distance between the membranes of two atoms	653
the distance between two nuclei of two atoms	0
the distance between the membranes of two atoms	0
the distance between the membranes of two atoms	797
the distance between two nuclei of two atoms	0

# Kahoot! Summary

What is nuclear force?	Q4
A strong attractive force between nucleons (protons or neutrons) in an atom	1162
A strong attractive force between nucleons (protons or neutrons) in an atom	1055
A strong attractive force between nucleons (protons or neutrons) in an atom	1118
A strong attractive force between nucleons (protons or neutrons) in an atom	1100
A strong attractive force between nucleons (protons or neutrons) in an atom	998
A strong attractive force between nucleons (protons or neutrons) in an atom	1058
A strong attractive force between nucleons (protons or neutrons) in an atom	1162
A strong attractive force between nucleons (protons or neutrons) in an atom	1037
A strong attractive force between nucleons (protons or neutrons) in an atom	1028
A strong attractive force between nucleons (protons or neutrons) in an atom	1082
A strong attractive force between nucleons (protons or neutrons) in an atom	1132
A strong attractive force between nucleons (protons or neutrons) in an atom	1163
A strong attractive force between nucleons (protons or neutrons) in an atom	0
A strong attractive force between nucleons (protons or neutrons) in an atom	1045
A strong attractive force between nucleons (protons or neutrons) in an atom	968

# Kahoot! Summary

A strong attractive force between nucleons (protons or neutrons) in an atom	1167
A strong attractive force between nucleons (protons or neutrons) in an atom	1112
a strong attractive force between the neutrons and electrons in an atom	792
A strong attractive force between nucleons (protons or neutrons) in an atom	893
A strong attractive force between nucleons (protons or neutrons) in an atom	983
A strong attractive force between nucleons (protons or neutrons) in an atom	0
a strong attractive force between the neutrons and electrons in an atom	0
a strong attractive force between the neutrons and electrons in an atom	0
A strong attractive force between nucleons (protons or neutrons) in an atom	908
a strong attractive force between the nucleus and electrons in an atom	0

# Kahoot! Summary

How does the nuclear force affect the size of an atom?	Q5
it binds the protons and neutrons into atomic nuclei	1180
it binds the protons and neutrons into atomic nuclei	1268
it binds the protons and neutrons into atomic nuclei	1090
it binds the protons and neutrons into atomic nuclei	1273
it binds the protons and neutrons into atomic nuclei	1083
it binds the protons and neutrons into atomic nuclei	923
it binds the protons and neutrons into atomic nuclei	972
it binds the protons and neutrons into atomic nuclei	1065
it binds the protons and neutrons into atomic nuclei	928
it binds the protons and neutrons into atomic nuclei	965
it binds the protons and neutrons into atomic nuclei	920
it binds the protons and neutrons into atomic nuclei	0
it binds electrons and neutrons into atomic nuclei	670
it binds the protons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	0



### Kahoot! Summary

it binds the protons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	858
it binds the protons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	0
it binds electrons and neutrons into atomic nuclei	635
it binds electrons and neutrons into atomic nuclei	578
it binds the electrons and protons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	967
it binds the electrons and protons into atomic nuclei	0

# Kahoot! Summary

Electron - Electron Repulsion occurs when	Q6
core electrons repel the valence electrons	1348
core electrons repel the valence electrons	1433
core electrons repel the valence electrons	1393
core electrons repel the valence electrons	1385
core electrons repel the valence electrons	1375
core electrons repel the valence electrons	1392
core electrons repel the valence electrons	1230
core electrons repel the valence electrons	1392
core electrons repel the valence electrons	1368
core electrons repel the valence electrons	1212
core electrons repel the valence electrons	1415
valence electrons repel the nucleus	942
core electrons repel the valence electrons	978
&nbsp;protons repel the neutrons	848
valence electrons repel the nucleus	875

### Kahoot! Summary

valence electrons repel the nucleus	862
valence electrons repel the nucleus	850
core electrons repel the valence electrons	1090
neutrons repel the valence electrons	0
valence electrons repel the nucleus	828
core electrons repel the valence electrons	988
core electrons repel the valence electrons	748
neutrons repel the valence electrons	903
core electrons repel the valence electrons	0
	0

# Kahoot! Summary

How does electron-electron repulsion affect the size of an atom?	Q7
they cause the electrons to spread away from the nucleus	1445
they cause the electrons to spread away from the nucleus	1450
they cause the electrons to spread away from the nucleus	1365
they cause the electrons to spread away from the nucleus	1312
they cause the electrons to spread away from the nucleus	1303
they cause the electrons to spread away from the nucleus	1192
they cause the electrons to spread away from the nucleus	1385
they cause the electrons to spread away from the nucleus	1168
they cause the electrons to spread away from the nucleus	1183
they cause the electrons to spread away from the nucleus	1275
they cause the electrons to spread away from the nucleus	1297
they cause the electrons to spread away from the nucleus	840
they cause the electrons to spread away from the nucleus	1050
they cause the electrons to spread away from the nucleus	837
they cause the electrons to spread away from the nucleus	877

# Kahoot! Summary

they cause the electrons to spread away from the nucleus	938
they cause the electrons to spread away from the nucleus	0
they cause the electrons to spread away from the nucleus	1228
they cause the electrons to spread away from the protons	820
they cause the electrons to spread away from the nucleus	0
they cause the electrons to spread away from the nucleus	0
they cause the electrons to spread away from the nucleus	0
they cause the electrons to spread away from the nucleus	0
they cause the electrons to spread away from the neutrons	0
	0

# Kahoot! Summary

Why do atoms become smaller when you move from left to right on the periodic table?	Q8
atoms gain protons	1350
atoms gain protons	1392
atoms gain protons	1413
atoms gain protons	1197
atoms gain protons	1262
atoms gain protons	1130
atoms gain protons	1063
atoms gain protons	1028
atoms gain protons	1122
atoms gain protons	1045
atoms gain protons	0
atoms gain protons	908
atoms gain protons	1148
atoms gain protons	755
atoms gain protons	742

### Kahoot! Summary

atoms gain protons	0
atoms gain electrons	530
atoms gain protons	0
atoms gain protons	767
atoms gain electrons	0
atoms gain electrons	0
atoms gain electrons	932
atoms gain electrons	0
atoms gain neutrons	0
	0

# Kahoot! Summary

Why do atoms become larger when you move down a group on the periodic table?	Q9
core orbitals increase around the nucleus	1440
core orbitals increase around the nucleus	1432
core orbitals increase around the nucleus	1457
core orbitals increase around the nucleus	1460
core orbitals increase around the nucleus	1457
core orbitals increase around the nucleus	1422
core orbitals increase around the nucleus	1387
core orbitals increase around the nucleus	1365
core orbitals increase around the nucleus	1285
core orbitals increase around the nucleus	1308
atoms have more ionic bonds	853
core orbitals increase around the nucleus	1218
core orbitals increase around the nucleus	1308
core orbitals increase around the nucleus	1207
core orbitals increase around the nucleus	1140



# Kahoot! Summary

atoms have more valence orbitals	865
core orbitals increase around the nucleus	913
atoms have more valence orbitals	818
core orbitals increase around the nucleus	1123
atoms have more ionic bonds	952
atoms have more valence orbitals	708
core orbitals increase around the nucleus	882
atoms have more ionic bonds	827
atoms have more valence orbitals	0
	0

# Kahoot! Summary

Which element/group has the largest value for the Atomic Radius trend?	Q10
cesium/alkali metals	1463
cesium/alkali metals	1458
cesium/alkali metals	1455
cesium/alkali metals	1450
cesium/alkali metals	1463
cesium/alkali metals	1437
cesium/alkali metals	1450
cesium/alkali metals	1422
cesium/alkali metals	1467
cesium/alkali metals	1395
cesium/alkali metals	1035
cesium/alkali metals	1368
cesium/alkali metals	1418
cesium/alkali metals	1345
cesium/alkali metals	1353

### Kahoot! Summary

cesium/alkali metals	985
cesium/alkali metals	1117
cesium/alkali metals	1028
cesium/alkali metals	1227
cesium/alkali metals	1073
cesium/alkali metals	1042
cesium/alkali metals	0
cesium/alkali metals	1023
helium/noble gasses	0
	0

## Kahoot! Summary

Which group/element has the smallest value for the Atomic Radius trend?

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

helium/noble gasses

### Kahoot! Summary

helium/noble gasses
helium/noble gasses
helium/noble gasses
helium/noble gasses
helium/noble gasses
helium/noble gasses
helium/noble gasses

Atomic Reactions
1 Quiz
Correct answers
Players correct (0)
Question duration
Answer Summary
Answer options
Is answer correct
Number of answers
Average time taken
Answer Details
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

1 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

adius	
Define Radius	
s	A straight
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	Answer
	✓
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	✓
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	✓
	✓
	✓
	✓






1 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓

1 Quiz

it line from the center of the circumference of a circle or sphere
nds

A straight line from the center of the circumference of a circle or sphere		
		
	24	
	9,20	


	Score (p
A straight line from the center of the circumference of a circle or sphere	800
A straight line from the center of the circumference of a circle or sphere	932
A straight line from the center of the circumference of a circle or sphere	808
A straight line from the center of the circumference of a circle or sphere	1000
A straight line from the center of the circumference of a circle or sphere	817
A straight line from the center of the circumference of a circle or sphere	793
A straight line from the center of the circumference of a circle or sphere	850
A straight line from the center of the circumference of a circle or sphere	815
A straight line from the center of the circumference of a circle or sphere	797
A straight line from the center of the circumference of a circle or sphere	822

# 1 Quiz

A straight line from the center of the circumference of a circle or sphere	892
A straight line from the center of the circumference of a circle or sphere	812
A straight line from the center of the circumference of a circle or sphere	775
A straight line from the center of the circumference of a circle or sphere	818
A straight line from the center of the circumference of a circle or sphere	813
A straight line from the center of the circumference of a circle or sphere	873
A straight line from the center of the circumference of a circle or sphere	915
A straight line from the center of the circumference of a circle or sphere	890
a straight line from one side of a circle or sphere to the other side	0
A straight line from the center of the circumference of a circle or sphere	785
A straight line from the center of the circumference of a circle or sphere	858
A straight line from the center of the circumference of a circle or sphere	945
A straight line from the center of the circumference of a circle or sphere	768
A straight line from the center of the circumference of a circle or sphere	953
A straight line from the center of the circumference of a circle or sphere	792

1 Quiz

e

a straight line from one side of a circle or sphere to the other side	
X	
1	
12,20	

oints)	Current
	800
	932
	808
	1000
	817
	793
	850
	815
	797
	822

1 Quiz

	892
	812
	775
	818
	813
	873
	915
	890
	0
	785
	858
	945
	768
	953
	792

1 Quiz



Total Score (points)	Answer to the question
	12
	4,1
	11,5
	0,2
	11
	12,4
	9
	11,1
	12,2
	10,7

1 Quiz

	6,5
	11,3
	13,5
	10,9
	11,2
	7,6
	5,1
	6,6
	12,2
	12,9
	8,5
	3,3
	13,9
	2,8
	12,5

## 1 Quiz

[illegible]



1 Quiz


Atomic Re
2 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

2 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
How is atomic radius measured?	
s	the dista
(%)	76,00%
on	30 secur

Summary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✗
	✓
	✗

2 Quiz

	✓
	✓
	✓
	✗
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

2 Quiz

nce between two nuclei of two atoms
nds

the distance between the membranes of two atoms	◆
X	
6	
6,03	

	Score (p
the distance between two nuclei of two atoms	925
the distance between two nuclei of two atoms	930
the distance between the membranes of two atoms	0
the distance between two nuclei of two atoms	1083
the distance between two nuclei of two atoms	913
the distance between two nuclei of two atoms	1013
the distance between two nuclei of two atoms	1032
the distance between the membranes of two atoms	0
the distance between two nuclei of two atoms	843
the distance between the membranes of two atoms	0

## 2 Quiz

the distance between two nuclei of two atoms	970
the distance between two nuclei of two atoms	1030
the distance between two nuclei of two atoms	932
the distance between the membranes of two atoms	0
the distance between two nuclei of two atoms	973
the distance between the membranes of two atoms	0
the distance between two nuclei of two atoms	1045
the distance between two nuclei of two atoms	1027
the distance between two nuclei of two atoms	848
the distance between two nuclei of two atoms	912
the distance between two nuclei of two atoms	1030
the distance between two nuclei of two atoms	997
the distance between two nuclei of two atoms	928
the distance between the membranes of two atoms	0
the distance between two nuclei of two atoms	1022

2 Quiz


the distance between two nuclei of two atoms	<div></div>
<div>✓</div>	
19	
7,41	

oints)	Current
	1725
	1862
	808
	2083
	1730
	1806
	1882
	815
	1640
	822



2 Quiz

	1862
	1842
	1707
	818
	1786
	873
	1960
	1917
	848
	1697
	1888
	1942
	1696
	953
	1814

2 Quiz



Total Score (points)	Answer ti
	10,5
	10,2
	2,1
	1
	11,2
	5,2
	4,1
	5,5
	15,4
	5,3

2 Quiz

	7,8
	4,2
	10,1
	16,2
	7,6
	6
	3,3
	4,4
	9,1
	11,3
	4,2
	6,2
	10,3
	1,1
	4,7

## 2 Quiz

[illegible]

2 Quiz


Atomic Re
3 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

3 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

adius	
What is nuclear force?	
s	A strong
(%)	84,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✗
	✗



3 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

3 Quiz

attractive force between nucleons (protons or neutrons) in an
nds

a strong attractive force between the nucleus and electrons in an atom	◆
X	
1	
0,20	

	Score (p
A strong attractive force between nucleons (protons or neutrons) in an atom	838
A strong attractive force between nucleons (protons or neutrons) in an atom	902
A strong attractive force between nucleons (protons or neutrons) in an atom	832
a strong attractive force between the nucleus and electrons in an atom	0
A strong attractive force between nucleons (protons or neutrons) in an atom	793
A strong attractive force between nucleons (protons or neutrons) in an atom	998
A strong attractive force between nucleons (protons or neutrons) in an atom	923
A strong attractive force between nucleons (protons or neutrons) in an atom	753
a strong attractive force between the neutrons and electrons in an atom	0
a strong attractive force between the neutrons and electrons in an atom	0

### 3 Quiz

A strong attractive force between nucleons (protons or neutrons) in an atom	888
A strong attractive force between nucleons (protons or neutrons) in an atom	1047
A strong attractive force between nucleons (protons or neutrons) in an atom	797
A strong attractive force between nucleons (protons or neutrons) in an atom	653
A strong attractive force between nucleons (protons or neutrons) in an atom	833
a strong attractive force between the neutrons and electrons in an atom	0
A strong attractive force between nucleons (protons or neutrons) in an atom	912
A strong attractive force between nucleons (protons or neutrons) in an atom	865
A strong attractive force between nucleons (protons or neutrons) in an atom	923
A strong attractive force between nucleons (protons or neutrons) in an atom	863
A strong attractive force between nucleons (protons or neutrons) in an atom	802
A strong attractive force between nucleons (protons or neutrons) in an atom	1107
A strong attractive force between nucleons (protons or neutrons) in an atom	825
A strong attractive force between nucleons (protons or neutrons) in an atom	797
A strong attractive force between nucleons (protons or neutrons) in an atom	932

3 Quiz

atom

a strong attractive force between the protons and electrons in an atom	<div><div></div></div>
X	
0	
0,00	

oints)	Current
	2563
	2764
	1640
	2083
	2523
	2804
	2805
	1568
	1640
	822

3 Quiz

	2750
	2889
	2504
	1471
	2619
	873
	2872
	2782
	1771
	2560
	2690
	3049
	2521
	1750
	2746

3 Quiz


a strong attractive force between the neutrons and electrons in an atom	<input checked="" type="checkbox"/>
X	<input type="checkbox"/>
3	
14,40	

Total Score (points)	Answer t
	21,7
	17,9
	10,1
	0,2
	24,4
	12,1
	16,6
	14,8
	24,7
	11,7

3 Quiz

	18,7
	9,2
	24,2
	20,8
	22
	6,8
	17,3
	20,1
	10,6
	20,2
	23,9
	5,6
	22,5
	12,2
	16,1





3 Quiz


Atomic Re
4 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

4 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

adius	
How does the nuclear force affect the size of an atom?	
s	it binds t
(%)	80,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	X
	✓
	✓
	X
	✓
	✓
	✓
	✓
	X
	✓

4 Quiz

	✓
	✓
	✓
	✗
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

4 Quiz

he protons and neutrons into atomic nuclei
nds

it binds the electrons and protons into atomic nuclei	◆
X	
2	
5,60	

	Score (p
it binds electrons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	1045
it binds the protons and neutrons into atomic nuclei	983
it binds the electrons and protons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	1082
it binds the protons and neutrons into atomic nuclei	1112
it binds the protons and neutrons into atomic nuclei	1167
it binds the protons and neutrons into atomic nuclei	893
it binds electrons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	792

#### 4 Quiz

it binds the protons and neutrons into atomic nuclei	1118
it binds the protons and neutrons into atomic nuclei	1132
it binds the protons and neutrons into atomic nuclei	1028
it binds electrons and neutrons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	1058
it binds the electrons and protons into atomic nuclei	0
it binds the protons and neutrons into atomic nuclei	1163
it binds the protons and neutrons into atomic nuclei	1055
it binds the protons and neutrons into atomic nuclei	968
it binds the protons and neutrons into atomic nuclei	1037
it binds the protons and neutrons into atomic nuclei	998
it binds the protons and neutrons into atomic nuclei	1162
it binds the protons and neutrons into atomic nuclei	1162
it binds the protons and neutrons into atomic nuclei	908
it binds the protons and neutrons into atomic nuclei	1100

4 Quiz


it binds the protons and neutrons into atomic nuclei	<div><div></div></div>
✔	
20	
12,11	

oints)	Current
	2563
	3809
	2623
	2083
	3605
	3916
	3972
	2461
	1640
	1614



4 Quiz

	3868
	4021
	3532
	1471
	3677
	873
	4035
	3837
	2739
	3597
	3688
	4211
	3683
	2658
	3846

4 Quiz


it binds electrons and neutrons into atomic nuclei	<input type="checkbox"/>
X	
3	
18,17	

Total Score (points)	Answer ti
	13,5
	15,3
	7
	3,8
	13,1
	11,3
	8
	12,4
	15
	12,5

4 Quiz

	10,9
	10,1
	16,3
	26
	14,5
	7,4
	8,2
	14,7
	13,9
	15,8
	18,1
	8,3
	8,3
	11,5
	12

## 4 Quiz

[illegible]

4 Quiz


Atomic Re
5 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

5 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

adius	
Electron - Electron Repulsion occurs when	
s	core elec
(%)	64,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	✓
	X
	X
	X
	✓
	X
	X
	X
	✓
	✓



5 Quiz

	✓
	✓
	✓
	✓
	✓
	✗
	✗
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓

5 Quiz

ctrons repel the valence electrons
nds

core electrons repel the valence electrons	◆
✓	
16	
19,96	

	Score (p
core electrons repel the valence electrons	670
&nbsp;protons repel the neutrons	0
valence electrons repel the nucleus	0
	0
core electrons repel the valence electrons	965
valence electrons repel the nucleus	0
valence electrons repel the nucleus	0
neutrons repel the valence electrons	0
core electrons repel the valence electrons	578
core electrons repel the valence electrons	858

## 5 Quiz

core electrons repel the valence electrons	1090
core electrons repel the valence electrons	920
core electrons repel the valence electrons	928
core electrons repel the valence electrons	635
core electrons repel the valence electrons	923
neutrons repel the valence electrons	0
valence electrons repel the nucleus	0
core electrons repel the valence electrons	1268
valence electrons repel the nucleus	0
core electrons repel the valence electrons	1065
core electrons repel the valence electrons	1083
core electrons repel the valence electrons	1180
core electrons repel the valence electrons	972
core electrons repel the valence electrons	967
core electrons repel the valence electrons	1273

5 Quiz


neutrons repel the valence electrons	<input checked="" type="radio"/>
X	
2	
5,35	

oints)	Current
	3233
	3809
	2623
	2083
	4570
	3916
	3972
	2461
	2218
	2472

5 Quiz

	4958
	4941
	4460
	2106
	4600
	873
	4035
	5105
	2739
	4662
	4771
	5391
	4655
	3625
	5119

5 Quiz


protons repel the neutrons	<input checked="" type="checkbox"/>
X	
1	
5,90	

Total Score (points)	Answer t
	19,8
	5,9
	5,8
	30
	26,1
	27,2
	23,2
	2,8
	25,3
	14,5

5 Quiz

	18,6
	28,8
	28,3
	21,9
	28,6
	7,9
	17,1
	7,9
	25,7
	20,1
	19
	13,2
	25,7
	14
	7,6

## 5 Quiz

Process	Time (seconds)
valence electrons repel the nucleus	5
	19,800
	19,800



5 Quiz


Atomic Re
6 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

6 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
How does electron-electron repulsion affect the size of an atom?	
s	they cau
(%)	88,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	




ails	
	Answer
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✗
	✓
	✓

6 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

6 Quiz

se the electrons to spread away from the nucleus
nds


they cause the electrons to spread away from the nucleus	
	
22	
8,57	

	Score (p
they cause the electrons to spread away from the nucleus	978
they cause the electrons to spread away from the nucleus	848
they cause the electrons to spread away from the nucleus	828
	0
they cause the electrons to spread away from the nucleus	1212
they cause the electrons to spread away from the nucleus	850
they cause the electrons to spread away from the nucleus	862
they cause the electrons to spread away from the protons	0
they cause the electrons to spread away from the nucleus	748
they cause the electrons to spread away from the nucleus	1090

## 6 Quiz

they cause the electrons to spread away from the nucleus	1393
they cause the electrons to spread away from the nucleus	1415
they cause the electrons to spread away from the nucleus	1368
they cause the electrons to spread away from the nucleus	988
they cause the electrons to spread away from the nucleus	1392
they cause the electrons to spread away from the nucleus	903
they cause the electrons to spread away from the nucleus	942
they cause the electrons to spread away from the nucleus	1433
they cause the electrons to spread away from the nucleus	875
they cause the electrons to spread away from the nucleus	1392
they cause the electrons to spread away from the nucleus	1375
they cause the electrons to spread away from the nucleus	1348
they cause the electrons to spread away from the nucleus	1230
they cause the electrons to spread away from the neutrons	0
they cause the electrons to spread away from the nucleus	1385

6 Quiz


they cause the electrons to spread away from the protons	
X	
1	
14,80	

oints)	Current
	4211
	4657
	3451
	2083
	5782
	4766
	4834
	2461
	2966
	3562



6 Quiz

	6351
	6356
	5828
	3094
	5992
	1776
	4977
	6538
	3614
	6054
	6146
	6739
	5885
	3625
	6504

6 Quiz


they cause the electrons to spread away from the neutrons	<input type="checkbox"/>
X	
1	
16,60	

Total Score (points)	Answer ti
	7,3
	9,1
	10,3
	30
	17,3
	9
	8,3
	14,8
	21,1
	6,6

6 Quiz

	6,4
	5,1
	7,9
	6,7
	6,5
	5,8
	3,5
	4
	7,5
	6,5
	7,5
	9,1
	16,2
	16,6
	6,9

## 6 Quiz

[illegible]

6 Quiz


Atomic Re
7 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
Why do atoms become smaller when you move from left to right across a period?	
As you move from left to right across a period, the number of protons in the nucleus increases, which increases the positive charge of the nucleus. This increased positive charge pulls the electrons closer to the nucleus, resulting in a smaller atomic radius.	atoms get smaller
Correct answer (%)	72,00%
Time taken to answer (seconds)	30 seconds

Summary	
Correct answer	▲
Wrong answer?	
Answers received	
Time taken to answer (seconds)	




Details	
	Answer
	✓
	✓
	✗
	✗
	✓
	✗
	✓
	✓
	✗
	✓



7 Quiz

	✓
	✓
	✓
	✗
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

on the periodic table?
ain protons
nds

atoms gain protons	
	
18	
11,45	

	Score (p
atoms gain protons	1050
atoms gain protons	837
atoms gain electrons	0
	0
atoms gain protons	1275
atoms gain electrons	0
atoms gain protons	938
atoms gain protons	820
atoms gain electrons	0
atoms gain protons	1228

## 7 Quiz

atoms gain protons	1365
atoms gain protons	1297
atoms gain protons	1183
atoms gain electrons	0
atoms gain protons	1192
atoms gain electrons	0
atoms gain protons	840
atoms gain protons	1450
atoms gain protons	877
atoms gain protons	1168
atoms gain protons	1303
atoms gain protons	1445
atoms gain protons	1385
atoms gain neutrons	0
atoms gain protons	1312

7 Quiz


atoms gain electrons	<div><div></div></div>
X	
5	
11,76	

(points)	Current
	5261
	5494
	3451
	2083
	7057
	4766
	5772
	3281
	2966
	4790

7 Quiz

	7716
	7653
	7011
	3094
	7184
	1776
	5817
	7988
	4491
	7222
	7449
	8184
	7270
	3625
	7816

7 Quiz


atoms gain neutrons	<input checked="" type="checkbox"/>
X	
1	
29,80	

Total Score (points)	Answer to the question
	9
	15,8
	6,8
	30
	13,5
	7,8
	9,7
	10,8
	18,6
	4,3

7 Quiz

	8,1
	12,2
	19
	19,6
	18,5
	6
	15,6
	3
	13,4
	19,9
	11,8
	3,3
	6,9
	29,8
	11,3

## 7 Quiz

[illegible]



7 Quiz


Atomic Re
8 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

8 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
Why do atoms become larger when you move down a group on the periodic table?	
is	core orbital
(%)	68,00%
on	30 seconds


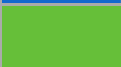
Summary	
	▲
st?	
ers received	
ken to answer (seconds)	

Details	
	Answer
	✓
	✓
	✗
	✗
	✓
	✓
	✗
	✓
	✓
	✗

8 Quiz

	✓
	✗
	✓
	✗
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

the periodic table?
orbitals increase around the nucleus
atoms

atoms have more ionic bonds	
X	
3	
13,73	

	Score (p
core orbitals increase around the nucleus	1148
core orbitals increase around the nucleus	755
atoms have more ionic bonds	0
	0
core orbitals increase around the nucleus	1045
core orbitals increase around the nucleus	530
atoms have more valence orbitals	0
core orbitals increase around the nucleus	767
core orbitals increase around the nucleus	932
atoms have more valence orbitals	0

## 8 Quiz

core orbitals increase around the nucleus	1413
atoms have more ionic bonds	0
core orbitals increase around the nucleus	1122
atoms have more valence orbitals	0
core orbitals increase around the nucleus	1130
atoms have more ionic bonds	0
core orbitals increase around the nucleus	908
core orbitals increase around the nucleus	1392
core orbitals increase around the nucleus	742
core orbitals increase around the nucleus	1028
core orbitals increase around the nucleus	1262
core orbitals increase around the nucleus	1350
core orbitals increase around the nucleus	1063
atoms have more valence orbitals	0
core orbitals increase around the nucleus	1197

8 Quiz


core orbitals increase around the nucleus	<div></div>
<div>✔</div>	
17	
18,41	

oints)	Current
	6409
	6249
	3451
	2083
	8102
	5296
	5772
	4048
	3898
	4790



8 Quiz

	9129
	7653
	8133
	3094
	8314
	1776
	6725
	9380
	5233
	8250
	8711
	9534
	8333
	3625
	9013

8 Quiz


atoms have more valence orbitals	<input checked="" type="checkbox"/>
X	
4	
20,08	

Total Score (points)	Answer t
	9,1
	26,7
	8,8
	30
	27,3
	28,2
	27,7
	20
	4,1
	15,7

8 Quiz

	5,2
	28,6
	22,7
	18,9
	22,2
	3,8
	17,5
	6,5
	27,5
	28,3
	14,3
	9
	26,2
	18
	18,2

## 8 Quiz

[illegible]

8 Quiz


Atomic Re
9 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
Which element/group has the largest value for the Atomic Radius	
s	cesium/ε
(%)	92,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✓
	✓



9 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

trend?	
alkali metals	
nds	

neon/noble gasses	◆
X	
0	
0,00	

	Score (p
cesium/alkali metals	1308
cesium/alkali metals	1207
cesium/alkali metals	952
	0
cesium/alkali metals	1308
cesium/alkali metals	913
cesium/alkali metals	865
cesium/alkali metals	1123
cesium/alkali metals	882
cesium/alkali metals	818

## 9 Quiz

cesium/alkali metals	1457
cesium/alkali metals	853
cesium/alkali metals	1285
cesium/alkali metals	708
cesium/alkali metals	1422
cesium/alkali metals	827
cesium/alkali metals	1218
cesium/alkali metals	1432
cesium/alkali metals	1140
cesium/alkali metals	1365
cesium/alkali metals	1457
cesium/alkali metals	1440
cesium/alkali metals	1387
helium/noble gasses	0
cesium/alkali metals	1460

9 Quiz


helium/noble gasses	<div></div>
X	
1	
9,20	

oints)	Current
	7717
	7456
	4403
	2083
	9410
	6209
	6637
	5171
	4780
	5608

9 Quiz

	10586
	8506
	9418
	3802
	9736
	2603
	7943
	10812
	6373
	9615
	10168
	10974
	9720
	3625
	10473

9 Quiz


sodium/alkali metals	<input checked="" type="checkbox"/>
X	<input type="checkbox"/>
0	
0,00	

Total Score (points)	Answer ti
	5,5
	5,6
	2,9
	30
	11,5
	11,2
	8,1
	4,6
	13,1
	10,9

9 Quiz

	2,6
	8,8
	12,9
	17,5
	4,7
	10,4
	4,9
	4,1
	9,6
	8,1
	2,6
	3,6
	6,8
	9,2
	2,4

## 9 Quiz

[illegible]



9 Quiz


Atomic Reactions
10 Quiz
Correct answers
Players correct (0)
Question duration
Answer Summary
Answer options
Is answer correct
Number of answers
Average time taken
Answer Details
Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil

10 Quiz

Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan

radius	
Which group/element has the smallest value for the Atomic Radius	
s	helium/n
(%)	88,00%
on	30 secur

nmary	
	▲
st?	
ers received	
ken to answer (seconds)	

ails	
	Answer
	✓
	✓
	✓
	✗
	✓
	✓
	✓
	✓
	✗
	✓

10 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✗
	✓

s trend?
oble gasses
nds

neon/noble gasses	◆
X	
0	
0,00	

	Score (p
helium/noble gasses	1418
helium/noble gasses	1345
helium/noble gasses	1073
	0
helium/noble gasses	1395
helium/noble gasses	1117
helium/noble gasses	985
helium/noble gasses	1227
	0
helium/noble gasses	1028

# 10 Quiz

helium/noble gasses	1455
helium/noble gasses	1035
helium/noble gasses	1467
helium/noble gasses	1042
helium/noble gasses	1437
helium/noble gasses	1023
helium/noble gasses	1368
helium/noble gasses	1458
helium/noble gasses	1353
helium/noble gasses	1422
helium/noble gasses	1463
helium/noble gasses	1463
helium/noble gasses	1450
	0
helium/noble gasses	1450

10 Quiz


helium/noble gasses	<div><div></div></div>
<div>✓</div>	
22	
3,61	

oints)	Current
	9135
	8801
	5476
	2083
	10805
	7326
	7622
	6398
	4780
	6636



10 Quiz

	12041
	9541
	10885
	4844
	11173
	3626
	9311
	12270
	7726
	11037
	11631
	12437
	11170
	3625
	11923

10 Quiz


sodium/alkali metals	<input checked="" type="checkbox"/>
X	
0	
0,00	

Total Score (points)	Answer t
	4,9
	3,3
	1,6
	30
	6,3
	5
	6,9
	4,4
	30
	4,3

10 Quiz

	2,7
	3,9
	2
	3,5
	3,8
	4,6
	1,9
	2,5
	2,8
	4,7
	2,2
	2,2
	3
	30
	3



10 Quiz


Question Number
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz

1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
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How does the nuclear force affect the size of an atom?
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How does electron-electron repulsion affect the size of an atom?
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Why do atoms become smaller when you move from left to right on the periodic table?
Why do atoms become smaller when you move from left to right on the periodic table?
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Why do atoms become larger when you move down a group on the periodic table?
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Why do atoms become larger when you move down a group on the periodic table?
Why do atoms become larger when you move down a group on the periodic table?
Why do atoms become larger when you move down a group on the periodic table?
Which element/group has the largest value for the Atomic Radius trend?
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Which group/element has the smallest value for the Atomic Radius trend?

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A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
A straight line from the center of the circumference of a circle or sphere	a straight line from one side of a circle or sphere to the other side
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
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the distance between the membranes of two atoms	the distance between two nuclei of two atoms
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
the distance between the membranes of two atoms	the distance between two nuclei of two atoms
a strong attractive force between the nucleus and electrons in an atom	a strong attractive force between the protons and electrons in an atom
a strong attractive force between the nucleus and electrons in an atom	a strong attractive force between the protons and electrons in an atom
a strong attractive force between the nucleus and electrons in an atom	a strong attractive force between the protons and electrons in an atom
a strong attractive force between the nucleus and electrons in an atom	a strong attractive force between the protons and electrons in an atom
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a strong attractive force between the nucleus and electrons in an atom	a strong attractive force between the protons and electrons in an atom

[illegible]

it binds the electrons and protons into atomic nuclei	it binds the protons and neutrons into atomic nuclei
it binds the electrons and protons into atomic nuclei	it binds the protons and neutrons into atomic nuclei
it binds the electrons and protons into atomic nuclei	it binds the protons and neutrons into atomic nuclei
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it binds the electrons and protons into atomic nuclei	it binds the protons and neutrons into atomic nuclei
it binds the electrons and protons into atomic nuclei	it binds the protons and neutrons into atomic nuclei
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
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core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
core electrons repel the valence electrons	neutrons repel the valence electrons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons

[illegible]

they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
they cause the electrons to spread away from the nucleus	they cause the electrons to spread away from the protons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
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atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons
atoms gain protons	atoms gain electrons



atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
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atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
atoms have more ionic bonds	core orbitals increase around the nucleus
neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses
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neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses
neon/noble gasses	helium/noble gasses

Answer 3	Answer 4





[illegible]

a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
a strong attractive force between the neutrons and electrons in an atom	A strong attractive force between nucleons (protons or neutrons) in an atom
it binds electrons and neutrons into atomic nuclei	
it binds electrons and neutrons into atomic nuclei	
it binds electrons and neutrons into atomic nuclei	
it binds electrons and neutrons into atomic nuclei	

it binds electrons and neutrons into atomic nuclei	
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it binds electrons and neutrons into atomic nuclei	
it binds electrons and neutrons into atomic nuclei	
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
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&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
&nbsp;protons repel the neutrons	valence electrons repel the nucleus
they cause the electrons to spread away from the neutrons	
they cause the electrons to spread away from the neutrons	

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atoms gain neutrons	
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atoms have more valence orbitals	
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atoms have more valence orbitals	
atoms have more valence orbitals	
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals

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sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals
sodium/alkali metals	cesium/alkali metals

Correct Answers	Time Allotted to Answer (seconds)
A straight line from the center of the circumference of a circle or sphere	30
A straight line from the center of the circumference of a circle or sphere	30
A straight line from the center of the circumference of a circle or sphere	30
A straight line from the center of the circumference of a circle or sphere	30
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A straight line from the center of the circumference of a circle or sphere	30
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A straight line from the center of the circumference of a circle or sphere	30
A straight line from the center of the circumference of a circle or sphere	30
A straight line from the center of the circumference of a circle or sphere	30
the distance between two nuclei of two atoms	30
the distance between two nuclei of two atoms	30
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the distance between two nuclei of two atoms	30

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the distance between two nuclei of two atoms	30



the distance between two nuclei of two atoms	30
the distance between two nuclei of two atoms	30
the distance between two nuclei of two atoms	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
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A strong attractive force between nucleons (protons or neutrons) in an atom	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
A strong attractive force between nucleons (protons or neutrons) in an atom	30
it binds the protons and neutrons into atomic nuclei	30
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core electrons repel the valence electrons	30
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core electrons repel the valence electrons	30
core electrons repel the valence electrons	30
they cause the electrons to spread away from the nucleus	30
they cause the electrons to spread away from the nucleus	30

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atoms gain protons	30
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core orbitals increase around the nucleus	30
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core orbitals increase around the nucleus	30
cesium/alkali metals	30
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cesium/alkali metals	30
helium/noble gasses	30
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helium/noble gasses	30
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helium/noble gasses	30
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helium/noble gasses	30

Players
Chris
Cole
Hudson
Jacobs
Karlee
Kyle
Kyle Daniels
Maddie B
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Sam c
Shepard

Tyler the Great
adelle
aidan
aj
braxton
bri
caroline
kaitlyn
netta
reagan
Chris
Cole
Hudson
Jacobs
Karlee
Kyle

Kyle Daniels
Maddie B
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Sam c
Shepard
Tyler the Great
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aidan
aj
braxton
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caroline



kaitlyn
netta
reagan
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Kyle Daniels
Maddie B
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Sam c

Shepard
Tyler the Great
adelle
aidan
aj
braxton
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caroline
kaitlyn
netta
reagan

Answer	Correct / Incorrect	Correct
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1

A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
a straight line from one side of a circle or sphere to the other side	Incorrect	0
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
A straight line from the center of the circumference of a circle or sphere	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1

the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1
the distance between two nuclei of two atoms	Correct	1



the distance between two nuclei of two atoms	Correct	1
the distance between the membranes of two atoms	Incorrect	0
the distance between two nuclei of two atoms	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
a strong attractive force between the nucleus and electrons in an atom	Incorrect	0
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
a strong attractive force between the neutrons and electrons in an atom	Incorrect	0
a strong attractive force between the neutrons and electrons in an atom	Incorrect	0
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1

A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
a strong attractive force between the neutrons and electrons in an atom	Incorrect	0
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
A strong attractive force between nucleons (protons or neutrons) in an atom	Correct	1
it binds electrons and neutrons into atomic nuclei	Incorrect	0
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the electrons and protons into atomic nuclei	Incorrect	0

it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds electrons and neutrons into atomic nuclei	Incorrect	0
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds electrons and neutrons into atomic nuclei	Incorrect	0
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the electrons and protons into atomic nuclei	Incorrect	0
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1

it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
it binds the protons and neutrons into atomic nuclei	Correct	1
core electrons repel the valence electrons	Correct	1
&nbsp;protons repel the neutrons	Incorrect	0
valence electrons repel the nucleus	Incorrect	0
	Incorrect	0
core electrons repel the valence electrons	Correct	1
valence electrons repel the nucleus	Incorrect	0
valence electrons repel the nucleus	Incorrect	0
neutrons repel the valence electrons	Incorrect	0
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1

core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
neutrons repel the valence electrons	Incorrect	0
valence electrons repel the nucleus	Incorrect	0
core electrons repel the valence electrons	Correct	1
valence electrons repel the nucleus	Incorrect	0
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
core electrons repel the valence electrons	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1

they cause the electrons to spread away from the nucleus	Correct	1
	Incorrect	0
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the protons	Incorrect	0
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1

they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the nucleus	Correct	1
they cause the electrons to spread away from the neutrons	Incorrect	0
they cause the electrons to spread away from the nucleus	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain electrons	Incorrect	0
	Incorrect	0
atoms gain protons	Correct	1
atoms gain electrons	Incorrect	0
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain electrons	Incorrect	0

## RawReportData Data

atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain electrons	Incorrect	0
atoms gain protons	Correct	1
atoms gain electrons	Incorrect	0
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain protons	Correct	1
atoms gain neutrons	Incorrect	0
atoms gain protons	Correct	1



core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
atoms have more ionic bonds	Incorrect	0
	Incorrect	0
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
atoms have more valence orbitals	Incorrect	0
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
atoms have more valence orbitals	Incorrect	0
core orbitals increase around the nucleus	Correct	1
atoms have more ionic bonds	Incorrect	0
core orbitals increase around the nucleus	Correct	1
atoms have more valence orbitals	Incorrect	0
core orbitals increase around the nucleus	Correct	1
atoms have more ionic bonds	Incorrect	0

core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
core orbitals increase around the nucleus	Correct	1
atoms have more valence orbitals	Incorrect	0
core orbitals increase around the nucleus	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
	Incorrect	0
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1

cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1
cesium/alkali metals	Correct	1

## RawReportData Data

helium/noble gasses	Incorrect	0
cesium/alkali metals	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
	Incorrect	0
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
	Incorrect	0
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1

helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
helium/noble gasses	Correct	1
	Incorrect	0
helium/noble gasses	Correct	1

RawReportData Data

Incorrect	Score (points)	Score without Answer Streak Bonus (points)
0	800	800
0	932	932
0	808	808
0	1000	1000
0	817	817
0	793	793
0	850	850
0	815	815
0	797	797
0	822	822
0	892	892
0	812	812
0	775	775
0	818	818
0	813	813

RawReportData Data

0	873	873
0	915	915
0	890	890
1	0	0
0	785	785
0	858	858
0	945	945
0	768	768
0	953	953
0	792	792
0	925	825
0	930	830
1	0	0
0	1083	983
0	913	813
0	1013	913

RawReportData Data

0	1032	932
1	0	0
0	843	743
1	0	0
0	970	870
0	1030	930
0	932	832
1	0	0
0	973	873
1	0	0
0	1045	945
0	1027	927
0	848	848
0	912	812
0	1030	930
0	997	897



RawReportData Data

0	928	828
1	0	0
0	1022	922
0	838	638
0	902	702
0	832	832
1	0	0
0	793	593
0	998	798
0	923	723
0	753	753
1	0	0
1	0	0
0	888	688
0	1047	847
0	797	597

RawReportData Data

0	653	653
0	833	633
1	0	0
0	912	712
0	865	665
0	923	823
0	863	663
0	802	602
0	1107	907
0	825	625
0	797	797
0	932	732
1	0	0
0	1045	745
0	983	883
1	0	0

RawReportData Data

0	1082	782
0	1112	812
0	1167	867
0	893	793
1	0	0
0	792	792
0	1118	818
0	1132	832
0	1028	728
1	0	0
0	1058	758
1	0	0
0	1163	863
0	1055	755
0	968	768
0	1037	737

RawReportData Data

0	998	698
0	1162	862
0	1162	862
0	908	808
0	1100	800
0	670	670
1	0	0
1	0	0
1	0	0
0	965	565
1	0	0
1	0	0
1	0	0
0	578	578
0	858	758
0	1090	690

## RawReportData Data

0	920	520
0	928	528
0	635	635
0	923	523
1	0	0
1	0	0
0	1268	868
1	0	0
0	1065	665
0	1083	683
0	1180	780
0	972	572
0	967	767
0	1273	873
0	978	878
0	848	848

RawReportData Data

0	828	828
1	0	0
0	1212	712
0	850	850
0	862	862
1	0	0
0	748	648
0	1090	890
0	1393	893
0	1415	915
0	1368	868
0	988	888
0	1392	892
0	903	903
0	942	942
0	1433	933

RawReportData Data

0	875	875
0	1392	892
0	1375	875
0	1348	848
0	1230	730
1	0	0
0	1385	885
0	1050	850
0	837	737
1	0	0
1	0	0
0	1275	775
1	0	0
0	938	838
0	820	820
1	0	0

RawReportData Data

0	1228	928
0	1365	865
0	1297	797
0	1183	683
1	0	0
0	1192	692
1	0	0
0	840	740
0	1450	950
0	877	777
0	1168	668
0	1303	803
0	1445	945
0	1385	885
1	0	0
0	1312	812



RawReportData Data

0	1148	848
0	755	555
1	0	0
1	0	0
0	1045	545
0	530	530
1	0	0
0	767	667
0	932	932
1	0	0
0	1413	913
1	0	0
0	1122	622
1	0	0
0	1130	630
1	0	0

RawReportData Data

0	908	708
0	1392	892
0	742	542
0	1028	528
0	1262	762
0	1350	850
0	1063	563
1	0	0
0	1197	697
0	1308	908
0	1207	907
0	952	952
1	0	0
0	1308	808
0	913	813
0	865	865

RawReportData Data

0	1123	923
0	882	782
0	818	818
0	1457	957
0	853	853
0	1285	785
0	708	708
0	1422	922
0	827	827
0	1218	918
0	1432	932
0	1140	840
0	1365	865
0	1457	957
0	1440	940
0	1387	887

RawReportData Data

1	0	0
0	1460	960
0	1418	918
0	1345	945
0	1073	973
1	0	0
0	1395	895
0	1117	917
0	985	885
0	1227	927
1	0	0
0	1028	928
0	1455	955
0	1035	935
0	1467	967
0	1042	942

RawReportData Data

0	1437	937
0	1023	923
0	1368	968
0	1458	958
0	1353	953
0	1422	922
0	1463	963
0	1463	963
0	1450	950
1	0	0
0	1450	950

RawReportData Data

Current Total Score (points)	Answer Time (%)
800	40.00%
932	13.67%
808	38.33%
1000	0.67%
817	36.67%
793	41.33%
850	30.00%
815	37.00%
797	40.67%
822	35.67%
892	21.67%
812	37.67%
775	45.00%
818	36.33%
813	37.33%

RawReportData Data

873	25.33%
915	17.00%
890	22.00%
0	40.67%
785	43.00%
858	28.33%
945	11.00%
768	46.33%
953	9.33%
792	41.67%
1725	35.00%
1862	34.00%
808	7.00%
2083	3.33%
1730	37.33%
1806	17.33%

RawReportData Data

1882	13.67%
815	18.33%
1640	51.33%
822	17.67%
1862	26.00%
1842	14.00%
1707	33.67%
818	54.00%
1786	25.33%
873	20.00%
1960	11.00%
1917	14.67%
848	30.33%
1697	37.67%
1888	14.00%
1942	20.67%



RawReportData Data

1696	34.33%
953	3.67%
1814	15.67%
2563	72.33%
2764	59.67%
1640	33.67%
2083	0.67%
2523	81.33%
2804	40.33%
2805	55.33%
1568	49.33%
1640	82.33%
822	39.00%
2750	62.33%
2889	30.67%
2504	80.67%

RawReportData Data

1471	69.33%
2619	73.33%
873	22.67%
2872	57.67%
2782	67.00%
1771	35.33%
2560	67.33%
2690	79.67%
3049	18.67%
2521	75.00%
1750	40.67%
2746	53.67%
2563	45.00%
3809	51.00%
2623	23.33%
2083	12.67%

RawReportData Data

3605	43.67%
3916	37.67%
3972	26.67%
2461	41.33%
1640	50.00%
1614	41.67%
3868	36.33%
4021	33.67%
3532	54.33%
1471	86.67%
3677	48.33%
873	24.67%
4035	27.33%
3837	49.00%
2739	46.33%
3597	52.67%

RawReportData Data

3688	60.33%
4211	27.67%
3683	27.67%
2658	38.33%
3846	40.00%
3233	66.00%
3809	19.67%
2623	19.33%
2083	100.00%
4570	87.00%
3916	90.67%
3972	77.33%
2461	9.33%
2218	84.33%
2472	48.33%
4958	62.00%

RawReportData Data

4941	96.00%
4460	94.33%
2106	73.00%
4600	95.33%
873	26.33%
4035	57.00%
5105	26.33%
2739	85.67%
4662	67.00%
4771	63.33%
5391	44.00%
4655	85.67%
3625	46.67%
5119	25.33%
4211	24.33%
4657	30.33%

RawReportData Data

3451	34.33%
2083	100.00%
5782	57.67%
4766	30.00%
4834	27.67%
2461	49.33%
2966	70.33%
3562	22.00%
6351	21.33%
6356	17.00%
5828	26.33%
3094	22.33%
5992	21.67%
1776	19.33%
4977	11.67%
6538	13.33%

RawReportData Data

3614	25.00%
6054	21.67%
6146	25.00%
6739	30.33%
5885	54.00%
3625	55.33%
6504	23.00%
5261	30.00%
5494	52.67%
3451	22.67%
2083	100.00%
7057	45.00%
4766	26.00%
5772	32.33%
3281	36.00%
2966	62.00%

RawReportData Data

4790	14.33%
7716	27.00%
7653	40.67%
7011	63.33%
3094	65.33%
7184	61.67%
1776	20.00%
5817	52.00%
7988	10.00%
4491	44.67%
7222	66.33%
7449	39.33%
8184	11.00%
7270	23.00%
3625	99.33%
7816	37.67%



RawReportData Data

6409	30.33%
6249	89.00%
3451	29.33%
2083	100.00%
8102	91.00%
5296	94.00%
5772	92.33%
4048	66.67%
3898	13.67%
4790	52.33%
9129	17.33%
7653	95.33%
8133	75.67%
3094	63.00%
8314	74.00%
1776	12.67%

RawReportData Data

6725	58.33%
9380	21.67%
5233	91.67%
8250	94.33%
8711	47.67%
9534	30.00%
8333	87.33%
3625	60.00%
9013	60.67%
7717	18.33%
7456	18.67%
4403	9.67%
2083	100.00%
9410	38.33%
6209	37.33%
6637	27.00%

RawReportData Data

5171	15.33%
4780	43.67%
5608	36.33%
10586	8.67%
8506	29.33%
9418	43.00%
3802	58.33%
9736	15.67%
2603	34.67%
7943	16.33%
10812	13.67%
6373	32.00%
9615	27.00%
10168	8.67%
10974	12.00%
9720	22.67%

RawReportData Data

3625	30.67%
10473	8.00%
9135	16.33%
8801	11.00%
5476	5.33%
2083	100.00%
10805	21.00%
7326	16.67%
7622	23.00%
6398	14.67%
4780	100.00%
6636	14.33%
12041	9.00%
9541	13.00%
10885	6.67%
4844	11.67%

RawReportData Data

11173	12.67%
3626	15.33%
9311	6.33%
12270	8.33%
7726	9.33%
11037	15.67%
11631	7.33%
12437	7.33%
11170	10.00%
3625	100.00%
11923	10.00%

Answer Time (seconds)
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11,5
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6,2



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