

Unit 4 Chemical Property Trend

Played on	14 Nov 2019
Hosted by	anonymous
Played with	25 players
Played	12 of 12

Overall Performance

Total correct answers (%)	56,67%
Total incorrect answers (%)	43,33%
Average score (points)	7002,3



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

%
%
32 points

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

--

Overview

0,00% Negative

Unit 4 Chemical Property Trend

Final Scores

Rank	Players
1	bri
2	adelle
3	MADDIE
4	Sam Sweetser
5	Shepard
6	Hudson Krawford
7	caroline
8	reagan
9	netta
10	Mikayla :-)
11	Noah
12	Karlee
13	braxton
14	Chris
15	aj
16	Cole
17	Parker
18	Kyle
19	Mithil
20	Keiona
21	Tyler the Great
22	Max

Final Scores

23	Kyle Daniels
24	G
25	Hudson

Final Scores

Total Score (points)	Correct Answers	Incorrect Answers
16365	12	0
16201	12	0
16166	12	0
15585	12	0
14143	11	1
10893	10	2
9381	9	3
8299	8	4
7494	7	5
6293	8	4
6015	7	5
5321	7	5
5226	7	5
4798	7	5
4677	5	7
4400	6	6
4229	6	6
3813	5	7
3793	4	8
3601	4	8
3080	4	8
2540	3	9

Final Scores

1978	3	9
767	1	11
0	0	12

Unit 4 Chemical Property Trend

Kahoot! Summary

Rank	Players
1	bri
2	adelle
3	MADDIE
4	Sam Sweetser
5	Shepard
6	Hudson Krawford
7	caroline
8	reagan
9	netta
10	Mikayla :-)
11	Noah
12	Karlee
13	braxton
14	Chris
15	aj

Kahoot! Summary

16	Cole
17	Parker
18	Kyle
19	Mithil
20	Keiona
21	Tyler the Great
22	Max
23	Kyle Daniels
24	G
25	Hudson

Kahoot! Summary

Total Score (points)	Q1
16365	1000
16201	1000
16166	905
15585	762
14143	748
10893	947
9381	893
8299	858
7494	920
6293	768
6015	887
5321	815
5226	838
4798	848
4677	907

Kahoot! Summary

4400	818
4229	807
3813	892
3793	930
3601	868
3080	853
2540	813
1978	665
767	0
0	0

Kahoot! Summary

Which of the following is a chemical property?	Q2
flammability	1100
flammability	1088
flammability	1035
flammability	1037
flammability	1082
flammability	982
flammability	1063
flammability	1063
flammability	1023
flammability	0
flammability	0
flammability	815
flammability	758
flammability	0
flammability	0

Kahoot! Summary

flammability	847
flammability	0
flammability	0
flammability	1043
flammability	987
flammability	0
flammability	970
flammability	0
	767
	0

Kahoot! Summary

Which element is the most reactive nonmetal?		Q3
	fluorine	1200
	fluorine	1200
	fluorine	1178
	fluorine	1155
	fluorine	1200
	fluorine	1178
	fluorine	1150
	fluorine	1117
	fluorine	1132
	sulfur	617
	sulfur	827
	fluorine	927
	fluorine	1005
	sulfur	590
	sulfur	935

Kahoot! Summary

fluorine	957
phosphorus	598
phosphorus	520
fluorine	0
fluorine	1053
phosphorus	0
fluorine	0
phosphorus	0
fluorine	0
	0

Kahoot! Summary

Which element is the most reactive metal?	Q4
francium	1300
francium	1300
francium	1280
francium	1280
francium	1300
francium	1265
francium	1223
francium	1083
francium	1247
francium	857
francium	987
francium	817
francium	848
francium	785
francium	1023

Kahoot! Summary

francium	0
francium	912
francium	675
sodium	878
francium	0
sodium	0
sodium	757
sodium	758
	0
	0

Kahoot! Summary

What determines an elements chemical properties?	Q5
number of valence electrons	1400
number of valence electrons	1400
number of valence electrons	1387
number of valence electrons	1355
number of valence electrons	1400
number of valence electrons	1323
number of valence electrons	1265
number of valence electrons	1195
number of valence electrons	1282
number of valence electrons	790
number of valence electrons	898
number of valence electrons	0
number of valence electrons	0
number of valence electrons	880
number of valence electrons	1075

Kahoot! Summary

	0
number of valence electrons	762
number of valence electrons	1058
number of valence electrons	0
	693
number of orbitals	0
number of valence electrons	0
number of valence electrons	0
	0
	0

Kahoot! Summary

Ionic bonding occurs when	Q6
metals transfer of electron to nonmetals	1500
metals transfer of electron to nonmetals	1500
metals transfer of electron to nonmetals	1490
metals transfer of electron to nonmetals	1453
metals transfer of electron to nonmetals	1500
metals transfer of electron to nonmetals	1377
metals transfer of electron to nonmetals	1225
metals transfer of electron to nonmetals	1108
metals transfer of electron to nonmetals	0
metals transfer of electron to nonmetals	877
metals transfer of electron to nonmetals	847
metals transfer protons with nonmetals	555
metals share electrons with nonmetals	570
metals transfer of electron to nonmetals	0
metals transfer of electron to nonmetals	0

Kahoot! Summary

metals share electrons with nonmetals	555
metals transfer of electron to nonmetals	0
metals transfer of electron to nonmetals	0
metals share electrons with other metals	0
metals transfer of electron to nonmetals	0
metals share electrons with other metals	0
	0
	555
	0
	0

Kahoot! Summary

Which of the following atoms will form an ionic bond?	Q7
lithium and fluorine	1425
lithium and fluorine	1450
lithium and fluorine	1488
lithium and fluorine	1325
lithium and fluorine	1423
lithium and fluorine	0
lithium and fluorine	0
lithium and fluorine	0
calcium and nickel	0
lithium and fluorine	1002
lithium and fluorine	0
lithium and fluorine	0
lithium and fluorine	0
oxygen and nitrogen	0
gold and mercury	0

Kahoot! Summary

lithium and fluorine	0
gold and mercury	0
gold and mercury	0
oxygen and nitrogen	0
	0
gold and mercury	0
	0
lithium and fluorine	0
calcium and nickel	0
	0

Kahoot! Summary

When atoms gain or lose electrons to become ions, they satisfy	Q8
Octet Rule	1492
Octet Rule	1463
Octet Rule	1490
Octet Rule	1438
Octet Rule	1490
Coulomb's Law	918
Coulomb's Law	803
Coulomb's Law	0
Hund's Rule	0
Octet Rule	0
Coulomb's Law	672
Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	552
Coulomb's Law	0

Kahoot! Summary

Coulomb's Law	0
Coulomb's Law	620
Coulomb's Law	0
Coulomb's Law	0
Hund's Rule	0
Coulomb's Law	743
	0
Coulomb's Law	0
	0
	0

Kahoot! Summary

Covalent Bonding occurs when	Q9
nonmetals share electrons	1488
nonmetals share electrons	1433
nonmetals share electrons	1492
nonmetals share electrons	1472
nonmetals share electrons	1500
nonmetals share electrons	0
nonmetals share electrons	0
metals share electrons	0
metals share electrons	0
metals share electrons	825
nonmetals share electrons	897
metals share electrons	797
metals share electrons	610
nonmetals share electrons	0
metals share electrons	737

Kahoot! Summary

metals share electrons	588
nonmetals share electrons	0
metals share electrons	668
metals share protons	0
metals share electrons	0
nonmetals share electrons	822
metals share electrons	0
metals share electrons	0
	0
	0

Kahoot! Summary

Which of the following is likely to form a covalent bond?	Q10
carbon and oxygen	1487
carbon and oxygen	1397
carbon and oxygen	1483
carbon and oxygen	1463
carbon and oxygen	1500
neon and argon	800
sodium and chlorine	837
neon and argon	0
sodium and chlorine	0
carbon and oxygen	0
carbon and oxygen	0
carbon and oxygen	0
carbon and oxygen	0
sodium and chlorine	0
carbon and oxygen	0

Kahoot! Summary

carbon and oxygen	0
neon and argon	0
carbon and oxygen	0
neon and argon	0
sodium and chlorine	0
carbon and oxygen	0
	0
neon and argon	0
	0
	0

Kahoot! Summary

Which combination will result in the fastest chemical reaction?	Q11
large metal with small nonmetal	1490
large metal with small nonmetal	1487
large metal with small nonmetal	1478
large metal with small nonmetal	1345
large metal with small nonmetal	0
large metal with small nonmetal	1023
large metal with small nonmetal	922
small metal with small nonmetal	885
small metal with large nonmetal	872
large metal with large nonmetal	557
small metal with large nonmetal	0
small metal with large nonmetal	0
large metal with large nonmetal	597
small metal with large nonmetal	525
small metal with large nonmetal	0

Kahoot! Summary

small metal with large nonmetal	635
small metal with small nonmetal	530
small metal with large nonmetal	0
large metal with large nonmetal	942
	0
small metal with large nonmetal	662
	0
small metal with large nonmetal	0
	0
	0

Kahoot! Summary

All of the following are examples of a chemical change EXCEPT...	Q12
dissolves in water	1483
dissolves in water	1483
dissolves in water	1460
dissolves in water	1500
emits light	1000
dissolves in water	1080
dissolves in water	0
dissolves in water	990
dissolves in water	1018
dissolves in water	0
change in color	0
emits light	595
dissolves in water	0
dissolves in water	618
change in color	0

Kahoot! Summary

dissolves in water	0
dissolves in water	0
change in color	0
dissolves in water	0
change in color	0
dissolves in water	0
	0
change in color	0
	0
	0

Kahoot! Summary

Which two elements will have similar chemical properties?

F and Cl

F and Cl

F and Cl

F and Cl

F and Cl

F and Cl

Na and Mg

F and Cl

F and Cl

Na and Mg

C and Cl

F and Cl

H and He

F and Cl

Na and Mg

Kahoot! Summary

H and He
C and Cl
H and He
Na and Mg

Unit 4 Ch
1 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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

1 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which of the following is a chemical property?	
s	flammab
(%)	92,00%
on	30 secur

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

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

1 Quiz

	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

1 Quiz

ility
nds

evaporation	◆
x	
0	
0,00	

	Score (p
flammability	848
flammability	818
	0
	0
flammability	947
flammability	815
flammability	868
flammability	892
flammability	665
flammability	905

1 Quiz

flammability	813
flammability	768
flammability	930
flammability	887
flammability	807
flammability	762
flammability	748
flammability	853
flammability	1000
flammability	907
flammability	838
flammability	1000
flammability	893
flammability	920
flammability	858

1 Quiz

flammability	<div><div></div></div>
<div>✓</div>	
23	
8,53	

oints)	Current
	848
	818
	0
	0
	947
	815
	868
	892
	665
	905

1 Quiz

	813
	768
	930
	887
	807
	762
	748
	853
	1000
	907
	838
	1000
	893
	920
	858

1 Quiz

melting	<div></div>
x	
0	
0,00	

Total Score (points)	Answer ti
	9,1
	10,9
	30
	30
	3,2
	11,1
	7,9
	6,5
	20,1
	5,7

1 Quiz

	11,2
	13,9
	4,2
	6,8
	11,6
	14,3
	15,1
	8,8
	0,4
	5,6
	9,7
	0,3
	6,4
	4,8
	8,5

1 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

2 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which element is the most reactive nonmetal?	
s	fluorine
(%)	64,00%
on	30 secor

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

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

2 Quiz

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

2 Quiz

nds



helium	◆
x	
0	
0,00	

	Score (p
sulfur	0
fluorine	847
fluorine	767
	0
fluorine	982
fluorine	815
fluorine	987
phosphorus	0
phosphorus	0
fluorine	1035

2 Quiz

fluorine	970
sulfur	0
fluorine	1043
sulfur	0
phosphorus	0
fluorine	1037
fluorine	1082
phosphorus	0
fluorine	1088
sulfur	0
fluorine	758
fluorine	1100
fluorine	1063
fluorine	1023
fluorine	1063

2 Quiz

phosphorus	
X	
4	
11,43	

(points)	Current
	848
	1665
	767
	0
	1929
	1630
	1855
	892
	665
	1940

2 Quiz

	1783
	768
	1973
	887
	807
	1799
	1830
	853
	2088
	907
	1596
	2100
	1956
	1943
	1921

2 Quiz

fluorine	<div><div></div></div>
<div><div>✓</div></div>	
16	
6,91	

Total Score (points)	Answer t
	29,9
	15,2
	14
	30
	7,1
	17,1
	6,8
	11,5
	25,5
	3,9

2 Quiz

	7,8
	29,3
	3,4
	25,6
	3,4
	3,8
	1,1
	5,3
	0,7
	4,8
	20,5
	0,2
	2,2
	4,6
	2,2

2 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

3 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which element is the most reactive metal?	
s	francium
(%)	76,00%
on	30 secor

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




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

3 Quiz

	X
	✓
	X
	✓
	✓
	✓
	✓
	X
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

3 Quiz

nds

francium	
	
	19
	9,71

	Score (p
francium	590
francium	957
	0
	0
francium	1178
francium	927
francium	1053
francium	520
sodium	0
francium	1178

3 Quiz

sodium	0
francium	617
sodium	0
francium	827
francium	598
francium	1155
francium	1200
sodium	0
francium	1200
francium	935
francium	1005
francium	1200
francium	1150
francium	1132
francium	1117

3 Quiz

sodium	●
X	
4	
12,95	

oints)	Current
	1438
	2622
	767
	0
	3107
	2557
	2908
	1412
	665
	3118

3 Quiz

	1783
	1385
	1973
	1714
	1405
	2954
	3030
	853
	3288
	1842
	2601
	3300
	3106
	3075
	3038

3 Quiz

copper	<div></div>
x	
0	
0,00	

Total Score (points)	Answer t
	24,6
	14,6
	30
	30
	1,3
	16,4
	8,8
	28,8
	22,6
	1,3

3 Quiz

	9,9
	23
	3,7
	10,4
	24,1
	2,7
	0,3
	15,6
	0,2
	3,9
	11,7
	0,3
	3
	4,1
	5

3 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

4 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
What determines an elements chemical properties?	
s	number o
(%)	80,00%
on	30 secur

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

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

4 Quiz

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

4 Quiz

of valence electrons
nds

number of protons	◆
X	
0	
0,00	

	Score (p
number of valence electrons	785
	0
	0
	0
number of valence electrons	1265
number of valence electrons	817
	0
number of valence electrons	675
number of valence electrons	758
number of valence electrons	1280

4 Quiz

number of valence electrons	757
number of valence electrons	857
number of valence electrons	878
number of valence electrons	987
number of valence electrons	912
number of valence electrons	1280
number of valence electrons	1300
number of orbitals	0
number of valence electrons	1300
number of valence electrons	1023
number of valence electrons	848
number of valence electrons	1300
number of valence electrons	1223
number of valence electrons	1247
number of valence electrons	1083

4 Quiz

number of valence electrons	<div><div></div></div>
<div>✓</div>	
20	
10,02	

oints)	Current
	2223
	2622
	767
	0
	4372
	3374
	2908
	2087
	1423
	4398

4 Quiz

	2540
	2242
	2851
	2701
	2317
	4234
	4330
	853
	4588
	2865
	3449
	4600
	4329
	4322
	4121

4 Quiz

number of orbitals	<input checked="" type="checkbox"/>
x	
1	
19,90	

Total Score (points)	Answer t
	18,9
	30
	30
	30
	2,1
	29
	30
	25,5
	14,5
	1,2

4 Quiz

	14,6
	14,6
	7,3
	6,8
	11,3
	1,2
	0,3
	19,9
	0,4
	4,6
	27,1
	0,2
	4,6
	3,2
	13

4 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

5 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Ionic bonding occurs when	
s	metals tr
(%)	64,00%
on	30 secur

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

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

5 Quiz

	X
	✓
	X
	✓
	✓
	✓
	✓
	✓
	X
	✓
	✓
	X
	✓
	✓
	✓
	✓

5 Quiz

ansfer of electron to nonmetals
nds

metals transfer of electron to nonmetals	◆
✓	
16	
9,96	

	Score (p
metals transfer of electron to nonmetals	880
metals share electrons with nonmetals	0
	0
	0
metals transfer of electron to nonmetals	1323
metals transfer protons with nonmetals	0
metals transfer of electron to nonmetals	693
metals transfer of electron to nonmetals	1058
	0
metals transfer of electron to nonmetals	1387

5 Quiz

	0
metals transfer of electron to nonmetals	790
metals share electrons with other metals	0
metals transfer of electron to nonmetals	898
metals transfer of electron to nonmetals	762
metals transfer of electron to nonmetals	1355
metals transfer of electron to nonmetals	1400
metals share electrons with other metals	0
metals transfer of electron to nonmetals	1400
metals transfer of electron to nonmetals	1075
metals share electrons with nonmetals	0
metals transfer of electron to nonmetals	1400
metals transfer of electron to nonmetals	1265
metals transfer of electron to nonmetals	1282
metals transfer of electron to nonmetals	1195

5 Quiz

metals share electrons with other metals	<div></div>
X	
2	
13,10	

oints)	Current
	3103
	2622
	767
	0
	5695
	3374
	3601
	3145
	1423
	5785

5 Quiz

	2540
	3032
	2851
	3599
	3079
	5589
	5730
	853
	5988
	3940
	3449
	6000
	5594
	5604
	5316

5 Quiz

metals share electrons with nonmetals	<input checked="" type="checkbox"/>
X	
2	
26,80	

Total Score (points)	Answer t
	19,2
	27,1
	30
	30
	4,6
	28,9
	18,4
	8,5
	30
	0,8

5 Quiz

	30
	24,6
	5,9
	18,1
	26,3
	2,7
	0,4
	20,3
	0,3
	7,5
	26,5
	0,4
	8,1
	7,1
	12,3

5 Quiz

[illegible]

5 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

6 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which of the following atoms will form an ionic bond?	
s	lithium a
(%)	56,00%
on	30 secur

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

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

6 Quiz

	X
	✓
	X
	✓
	X
	✓
	✓
	X
	✓
	X
	✓
	✓
	✓
	X
	✓

6 Quiz

nd fluorine
nds

calcium and nickel	◆
x	
2	
23,00	

	Score (p
oxygen and nitrogen	0
lithium and fluorine	555
calcium and nickel	0
	0
lithium and fluorine	1377
lithium and fluorine	555
	0
gold and mercury	0
lithium and fluorine	555
lithium and fluorine	1490

6 Quiz

	0
lithium and fluorine	877
oxygen and nitrogen	0
lithium and fluorine	847
gold and mercury	0
lithium and fluorine	1453
lithium and fluorine	1500
gold and mercury	0
lithium and fluorine	1500
gold and mercury	0
lithium and fluorine	570
lithium and fluorine	1500
lithium and fluorine	1225
calcium and nickel	0
lithium and fluorine	1108

6 Quiz

oxygen and nitrogen	
X	
2	
15,40	

oints)	Current
	3103
	3177
	767
	0
	7072
	3929
	3601
	3145
	1978
	7275

6 Quiz

	2540
	3909
	2851
	4446
	3079
	7042
	7230
	853
	7488
	3940
	4019
	7500
	6819
	5604
	6424

6 Quiz

lithium and fluorine	<div><div></div></div>
<div><div>✓</div></div>	
14	
15,03	

Total Score (points)	Answer t
	28,6
	26,7
	23
	30
	7,4
	26,7
	30
	22,9
	26,7
	0,6

6 Quiz

	30
	25,4
	2,2
	27,2
	9,8
	2,8
	0,4
	10,8
	0,4
	12,1
	25,8
	0,3
	16,5
	23
	23,5

6 Quiz

Material	Time (seconds)
gold and mercury	4
	13,90

6 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

7 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
When atoms gain or lose electrons to become ions, they satisfy	
s	Octet Ru
(%)	24,00%
on	30 secur

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

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

7 Quiz

	X
	✓
	X
	X
	X
	✓
	✓
	X
	✓
	X
	X
	✓
	X
	X
	X

7 Quiz

ile
nds

Hund's Rule	◆
X	
2	
10,55	

	Score (p
Coulomb's Law	0
Coulomb's Law	0
	0
	0
Coulomb's Law	0
Coulomb's Law	0
Hund's Rule	0
Coulomb's Law	0
Coulomb's Law	0
Octet Rule	1488

7 Quiz

	0
Octet Rule	1002
Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	0
Octet Rule	1325
Octet Rule	1423
Coulomb's Law	0
Octet Rule	1450
Coulomb's Law	0
Coulomb's Law	0
Octet Rule	1425
Coulomb's Law	0
Hund's Rule	0
Coulomb's Law	0

7 Quiz

Coulomb's Law	●
X	
14	
13,42	

(points)	Current
	3103
	3177
	767
	0
	7072
	3929
	3601
	3145
	1978
	8763

7 Quiz

	2540
	4911
	2851
	4446
	3079
	8367
	8653
	853
	8938
	3940
	4019
	8925
	6819
	5604
	6424

7 Quiz

Octet Rule	<div><div></div></div>
<div><div>✓</div></div>	
6	
7,87	

Total Score (points)	Answer t
	29,7
	14,9
	30
	30
	4,6
	22,9
	10,7
	5,7
	20,8
	0,7

7 Quiz

	30
	23,9
	2,1
	27,7
	6,9
	10,5
	4,6
	10,4
	3
	4,6
	24,6
	4,5
	2,6
	10,4
	10,4

[illegible]

7 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

8 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Covalent Bonding occurs when	
is	nonmeta
(%)	44,00%
on	30 secur

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

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

8 Quiz

	X
	X
	X
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	X
	X
	✓
	✓
	X
	X

8 Quiz

ls share electrons
nds

nonmetals share protons	◆
X	
0	
0,00	

	Score (p
nonmetals share electrons	552
metals share electrons	0
	0
	0
nonmetals share electrons	918
metals share electrons	0
metals share electrons	0
metals share electrons	0
metals share electrons	0
nonmetals share electrons	1490

8 Quiz

metals share electrons	0
metals share electrons	0
metals share protons	0
nonmetals share electrons	672
nonmetals share electrons	620
nonmetals share electrons	1438
nonmetals share electrons	1490
nonmetals share electrons	743
nonmetals share electrons	1463
metals share electrons	0
metals share electrons	0
nonmetals share electrons	1492
nonmetals share electrons	803
metals share electrons	0
metals share electrons	0

8 Quiz

metals share electrons	<div></div>
X	
11	
15,58	

oints)	Current
	3655
	3177
	767
	0
	7990
	3929
	3601
	3145
	1978
	10253

8 Quiz

	2540
	4911
	2851
	5118
	3699
	9805
	10143
	1596
	10401
	3940
	4019
	10417
	7622
	5604
	6424

8 Quiz

metals share protons	<div><div></div></div>
X	
1	
2,50	

Total Score (points)	Answer t
	26,9
	12,9
	30
	30
	4,9
	15,1
	6,9
	19,5
	23,3
	0,6

8 Quiz

	9,9
	27,9
	2,5
	19,7
	22,8
	3,7
	0,6
	15,4
	2,2
	15,6
	27,7
	0,5
	11,8
	8,1
	4,5

[illegible]

8 Quiz

Unit 4 Ch
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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which of the following is likely to form a covalent bond?	
s	carbon a
(%)	52,00%
on	30 secur

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




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

9 Quiz

	X
	✓
	X
	✓
	X
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	X
	X
	X

9 Quiz

nd oxygen
nds

carbon and oxygen	
	
13	
10,96	

	Score (p
sodium and chlorine	0
carbon and oxygen	588
	0
	0
neon and argon	0
carbon and oxygen	797
sodium and chlorine	0
carbon and oxygen	668
neon and argon	0
carbon and oxygen	1492

9 Quiz

	0
carbon and oxygen	825
neon and argon	0
carbon and oxygen	897
neon and argon	0
carbon and oxygen	1472
carbon and oxygen	1500
carbon and oxygen	822
carbon and oxygen	1433
carbon and oxygen	737
carbon and oxygen	610
carbon and oxygen	1488
sodium and chlorine	0
sodium and chlorine	0
neon and argon	0

9 Quiz

neon and argon	●
X	
5	
16,34	

(points)	Current
	3655
	3765
	767
	0
	7990
	4726
	3601
	3813
	1978
	11745

9 Quiz

	2540
	5736
	2851
	6015
	3699
	11277
	11643
	2418
	11834
	4677
	4629
	11905
	7622
	5604
	6424

9 Quiz

sodium and chlorine	<input checked="" type="checkbox"/>
X	
4	
14,13	

Total Score (points)	Answer t
	27,6
	24,7
	30
	30
	11
	12,2
	14,2
	19,9
	21,5
	0,5

9 Quiz

	30
	10,5
	6,4
	12,2
	26,2
	1,7
	0,2
	16,7
	4
	15,8
	23,4
	0,7
	3,2
	11,5
	16,6

9 Quiz

Unit 4 Ch
10 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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

10 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which combination will result in the fastest chemical reaction?	
Size of particles	large medium
Concentration (%)	28,00%
Time taken to react (seconds)	30 seconds

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

Details	
	Answer
	X
	X
	X
	X
Correct answer	✓
	X
	X
	X
	X
	✓

10 Quiz

	X
	X
	X
	X
	X
	√
	√
	X
	√
	X
	X
	√
	√
	X
	X

10 Quiz

metal with small nonmetal
nds

small metal with small nonmetal	◆
X	
2	
15,40	

	Score (p
small metal with large nonmetal	0
small metal with large nonmetal	0
	0
	0
large metal with small nonmetal	800
small metal with large nonmetal	0
	0
small metal with large nonmetal	0
small metal with large nonmetal	0
large metal with small nonmetal	1483

10 Quiz

	0
large metal with large nonmetal	0
large metal with large nonmetal	0
small metal with large nonmetal	0
small metal with small nonmetal	0
large metal with small nonmetal	1463
large metal with small nonmetal	1500
small metal with large nonmetal	0
large metal with small nonmetal	1397
small metal with large nonmetal	0
large metal with large nonmetal	0
large metal with small nonmetal	1487
large metal with small nonmetal	837
small metal with large nonmetal	0
small metal with small nonmetal	0

10 Quiz

small metal with large nonmetal	
X	
9	
17,11	

oints)	Current
	3655
	3765
	767
	0
	8790
	4726
	3601
	3813
	1978
	13228

10 Quiz

	2540
	5736
	2851
	6015
	3699
	12740
	13143
	2418
	13231
	4677
	4629
	13392
	8459
	5604
	6424

10 Quiz

large metal with large nonmetal	<input checked="" type="checkbox"/>
X	<input type="checkbox"/>
3	
25,63	

Total Score (points)	Answer t
	15,4
	21,2
	30
	30
	12
	22,7
	30
	20,7
	14,6
	1

10 Quiz

	30
	27,9
	20,6
	14,1
	24,2
	2,2
	0,3
	10,9
	6,2
	18,8
	28,4
	0,8
	9,8
	15,6
	6,6

Time (seconds)	Temperature (°C)	Observations
0	25	Large metal with small nonmetal
1	26	✓
2	27	
3	28	
4	29	
5	30	
6	31	
7	32	
8	33	
9	34	
10	35	
11	36	
12	37	
13	38	
14	39	
15	40	
16	41	
17	42	
18	43	
19	44	
20	45	
21	46	
22	47	
23	48	
24	49	
25	50	
26	51	
27	52	
28	53	
29	54	
30	55	
31	56	
32	57	
33	58	
34	59	
35	60	
36	61	
37	62	
38	63	
39	64	
40	65	
41	66	
42	67	
43	68	
44	69	
45	70	
46	71	
47	72	
48	73	
49	74	
50	75	
51	76	
52	77	
53	78	
54	79	
55	80	
56	81	
57	82	
58	83	
59	84	
60	85	
61	86	
62	87	
63	88	
64	89	
65	90	
66	91	
67	92	
68	93	
69	94	
70	95	
71	96	
72	97	
73	98	
74	99	
75	100	

10 Quiz

Unit 4 Ch
11 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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

11 Quiz

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
All of the following are examples of a chemical change EXCEPT...	
s	dissolves
(%)	60,00%
on	30 secor

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

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

11 Quiz

	X
	✓
	✓
	X
	✓
	✓
	X
	✓
	✓
	X
	✓
	✓
	✓
	✓
	✓
	✓

11 Quiz

s in water
nds

increase in heat	◆
X	
0	
0,00	

	Score (p
dissolves in water	525
dissolves in water	635
	0
	0
dissolves in water	1023
emits light	0
change in color	0
change in color	0
change in color	0
dissolves in water	1478

11 Quiz

	0
dissolves in water	557
dissolves in water	942
change in color	0
dissolves in water	530
dissolves in water	1345
emits light	0
dissolves in water	662
dissolves in water	1487
change in color	0
dissolves in water	597
dissolves in water	1490
dissolves in water	922
dissolves in water	872
dissolves in water	885

11 Quiz

change in color	
X	
5	
22,94	

oints)	Current
	4180
	4400
	767
	0
	9813
	4726
	3601
	3813
	1978
	14706

11 Quiz

	2540
	6293
	3793
	6015
	4229
	14085
	13143
	3080
	14718
	4677
	5226
	14882
	9381
	6476
	7309

11 Quiz

emits light	<input type="checkbox"/>
X	
2	
7,75	

Total Score (points)	Answer ti
	28,5
	21,9
	30
	30
	4,6
	15,2
	18,5
	29,6
	16
	1,3

11 Quiz

	30
	26,6
	3,5
	26,6
	28,2
	9,3
	0,3
	20,3
	0,8
	24
	24,2
	0,6
	10,7
	7,7
	6,9

11 Quiz

[illegible]

11 Quiz

Unit 4 Ch
12 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
G
Hudson
Hudson Krawfor
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE

Max
Mikayla :-)
Mithil
Noah
Parker
Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Chemical Property Trend	
Which two elements will have similar chemical properties?	
s	F and Cl
(%)	40,00%
on	20 secor

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

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

12 Quiz

	X
	X
	X
	X
	X
	√
	√
	X
	√
	X
	X
	√
	X
	√
	√

12 Quiz

nds

Na and Mg	◆
X	
4	
15,20	

	Score (p
F and Cl	618
	0
	0
	0
F and Cl	1080
F and Cl	595
	0
	0
Na and Mg	0
F and Cl	1460

12 Quiz

	0
Na and Mg	0
C and Cl	0
C and Cl	0
H and He	0
F and Cl	1500
F and Cl	1000
H and He	0
F and Cl	1483
Na and Mg	0
H and He	0
F and Cl	1483
Na and Mg	0
F and Cl	1018
F and Cl	990

12 Quiz

H and He	<div></div>
X	
3	
17,93	

(points)	Current
	4798
	4400
	767
	0
	10893
	5321
	3601
	3813
	1978
	16166

12 Quiz

	2540
	6293
	3793
	6015
	4229
	15585
	14143
	3080
	16201
	4677
	5226
	16365
	9381
	7494
	8299

12 Quiz

F and CI	<div><div></div></div>
<div><div>✓</div></div>	
10	
5,17	

Total Score (points)	Answer ti
	19,3
	20
	20
	20
	4,8
	16,2
	20
	20
	14,9
	1,6

12 Quiz

	20
	18,5
	7,3
	19,4
	16,9
	0,4
	0,3
	17,9
	0,7
	19,6
	19
	0,7
	7,8
	3,3
	4,4

Time (seconds)	2	13,35
C and Cl	X	

12 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
1 Quiz
1 Quiz
1 Quiz
1 Quiz
1 Quiz
2 Quiz
2 Quiz
2 Quiz
2 Quiz
2 Quiz
2 Quiz

2 Quiz
2 Quiz
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3 Quiz
3 Quiz
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Question
Which of the following is a chemical property?
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Which of the following is a chemical property?
Which element is the most reactive nonmetal?
Which element is the most reactive nonmetal?
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What determines an elements chemical properties?
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Ionic bonding occurs when
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Which of the following atoms will form an ionic bond?
Which of the following atoms will form an ionic bond?

Which of the following atoms will form an ionic bond?
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Which of the following atoms will form an ionic bond?
Which of the following atoms will form an ionic bond?
Which of the following atoms will form an ionic bond?
Which of the following atoms will form an ionic bond?
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
When atoms gain or lose electrons to become ions, they satisfy
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When atoms gain or lose electrons to become ions, they satisfy

Covalent Bonding occurs when
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Covalent Bonding occurs when
Which of the following is likely to form a covalent bond?
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Which of the following is likely to form a covalent bond?
Which of the following is likely to form a covalent bond?

Which of the following is likely to form a covalent bond?

Which of the following is likely to form a covalent bond?

Which combination will result in the fastest chemical reaction?

Which combination will result in the fastest chemical reaction?

Which combination will result in the fastest chemical reaction?

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Which combination will result in the fastest chemical reaction?

All of the following are examples of a chemical change EXCEPT...

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All of the following are examples of a chemical change EXCEPT...

All of the following are examples of a chemical change EXCEPT...
All of the following are examples of a chemical change EXCEPT...
All of the following are examples of a chemical change EXCEPT...
All of the following are examples of a chemical change EXCEPT...
Which two elements will have similar chemical properties?
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Which two elements will have similar chemical properties?

Answer 1	Answer 2
evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
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evaporation	flammability
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evaporation	flammability
evaporation	flammability
evaporation	flammability
evaporation	flammability
helium	phosphorus
helium	phosphorus
helium	phosphorus
helium	phosphorus
helium	phosphorus
helium	phosphorus

helium	phosphorus
helium	phosphorus
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helium	phosphorus
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helium	phosphorus
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helium	phosphorus

helium	phosphorus
helium	phosphorus
helium	phosphorus
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
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francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
francium	sodium
number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons

number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
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number of protons	number of valence electrons

number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
number of protons	number of valence electrons
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals

metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
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metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
metals transfer of electron to nonmetals	metals share electrons with other metals
calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen

calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen
calcium and nickel	oxygen and nitrogen
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calcium and nickel	oxygen and nitrogen
Hund's Rule	Coulomb's Law
Hund's Rule	Coulomb's Law
Hund's Rule	Coulomb's Law
Hund's Rule	Coulomb's Law
Hund's Rule	Coulomb's Law
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Hund's Rule	Coulomb's Law

nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
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nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
nonmetals share protons	metals share electrons
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon

carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
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carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
carbon and oxygen	neon and argon

carbon and oxygen	neon and argon
carbon and oxygen	neon and argon
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
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small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
small metal with small nonmetal	small metal with large nonmetal
increase in heat	change in color
increase in heat	change in color
increase in heat	change in color
increase in heat	change in color
increase in heat	change in color

increase in heat	change in color
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increase in heat	change in color
increase in heat	change in color
increase in heat	change in color
increase in heat	change in color
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He
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Na and Mg	H and He

Na and Mg	H and He
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Na and Mg	H and He
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Na and Mg	H and He
Na and Mg	H and He
Na and Mg	H and He

Answer 3	Answer 4
melting	solubility
melting	solubility
melting	solubility
melting	solubility
melting	solubility
melting	solubility
melting	solubility
melting	solubility
melting	solubility
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melting	solubility
melting	solubility
melting	solubility

melting	solubility
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melting	solubility
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur

fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
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fluorine	sulfur
fluorine	sulfur
fluorine	sulfur

fluorine	sulfur
fluorine	sulfur
fluorine	sulfur
copper	aluminum
copper	aluminum
copper	aluminum
copper	aluminum
copper	aluminum
copper	aluminum
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copper	aluminum
copper	aluminum
number of orbitals	number of neutrons
number of orbitals	number of neutrons
number of orbitals	number of neutrons
number of orbitals	number of neutrons

number of orbitals	number of neutrons
number of orbitals	number of neutrons
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number of orbitals	number of neutrons
number of orbitals	number of neutrons
number of orbitals	number of neutrons
number of orbitals	number of neutrons
number of orbitals	number of neutrons
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals

metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
metals share electrons with nonmetals	metals transfer protons with nonmetals
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury

lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury

lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
lithium and fluorine	gold and mercury
Octet Rule	Uncertainty Principle
Octet Rule	Uncertainty Principle
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Octet Rule	Uncertainty Principle

metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
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metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
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metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
metals share protons	nonmetals share electrons
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron

sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
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sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
sodium and chlorine	copper and iron

sodium and chlorine	copper and iron
sodium and chlorine	copper and iron
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
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large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal

large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
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large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
large metal with large nonmetal	large metal with small nonmetal
emits light	dissolves in water
emits light	dissolves in water
emits light	dissolves in water
emits light	dissolves in water
emits light	dissolves in water

emits light	dissolves in water
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emits light	dissolves in water
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emits light	dissolves in water
emits light	dissolves in water
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl

F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl
F and Cl	C and Cl

Correct Answers	Time Allotted to Answer (seconds)
flammability	30
flammability	30
flammability	30
flammability	30
flammability	30
flammability	30
flammability	30
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flammability	30
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flammability	30
flammability	30
fluorine	30
fluorine	30
fluorine	30
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fluorine	30
fluorine	30
fluorine	30
francium	30
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francium	30
francium	30
number of valence electrons	30
number of valence electrons	30
number of valence electrons	30
number of valence electrons	30

number of valence electrons	30
number of valence electrons	30
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number of valence electrons	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
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metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
metals transfer of electron to nonmetals	30
lithium and fluorine	30
lithium and fluorine	30

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Octet Rule	30
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nonmetals share electrons	30
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carbon and oxygen	30
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carbon and oxygen	30
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carbon and oxygen	30
carbon and oxygen	30
large metal with small nonmetal	30
large metal with small nonmetal	30
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large metal with small nonmetal	30
dissolves in water	30
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F and Cl	20
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F and CI	20
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F and CI	20
F and CI	20

Players
Chris
Cole
G
Hudson
Hudson Krawford
Karlee
Keiona
Kyle
Kyle Daniels
MADDIE
Max
Mikayla :-)
Mithil
Noah
Parker

Sam Sweetser
Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan
Chris
Cole
G
Hudson
Hudson Krawford
Karlee

Keiona
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Kyle Daniels
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Mikayla :-)

Mithil
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Parker
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Shepard
Tyler the Great
adelle
aj
braxton
bri
caroline
netta
reagan

Answer	Correct / Incorrect	Correct
flammability	Correct	1
flammability	Correct	1
	Incorrect	0
	Incorrect	0
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1

flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
flammability	Correct	1
sulfur	Incorrect	0
fluorine	Correct	1
fluorine	Correct	1
	Incorrect	0
fluorine	Correct	1
fluorine	Correct	1

RawReportData Data

fluorine	Correct	1
phosphorus	Incorrect	0
phosphorus	Incorrect	0
fluorine	Correct	1
fluorine	Correct	1
sulfur	Incorrect	0
fluorine	Correct	1
sulfur	Incorrect	0
phosphorus	Incorrect	0
fluorine	Correct	1
fluorine	Correct	1
phosphorus	Incorrect	0
fluorine	Correct	1
sulfur	Incorrect	0
fluorine	Correct	1
fluorine	Correct	1

RawReportData Data

fluorine	Correct	1
fluorine	Correct	1
fluorine	Correct	1
francium	Correct	1
francium	Correct	1
	Incorrect	0
	Incorrect	0
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
sodium	Incorrect	0
francium	Correct	1
sodium	Incorrect	0
francium	Correct	1
sodium	Incorrect	0

francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
sodium	Incorrect	0
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
francium	Correct	1
number of valence electrons	Correct	1
	Incorrect	0
	Incorrect	0
	Incorrect	0

RawReportData Data

number of valence electrons	Correct	1
number of valence electrons	Correct	1
	Incorrect	0
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of orbitals	Incorrect	0
number of valence electrons	Correct	1
number of valence electrons	Correct	1

RawReportData Data

number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
number of valence electrons	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals share electrons with nonmetals	Incorrect	0
	Incorrect	0
	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
metals transfer protons with nonmetals	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
	Incorrect	0

RawReportData Data

metals transfer of electron to nonmetals	Correct	1
metals share electrons with other metals	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals share electrons with other metals	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals share electrons with nonmetals	Incorrect	0
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
metals transfer of electron to nonmetals	Correct	1
oxygen and nitrogen	Incorrect	0
lithium and fluorine	Correct	1

RawReportData Data

calcium and nickel	Incorrect	0
	Incorrect	0
lithium and fluorine	Correct	1
lithium and fluorine	Correct	1
	Incorrect	0
gold and mercury	Incorrect	0
lithium and fluorine	Correct	1
lithium and fluorine	Correct	1
	Incorrect	0
lithium and fluorine	Correct	1
oxygen and nitrogen	Incorrect	0
lithium and fluorine	Correct	1
gold and mercury	Incorrect	0
lithium and fluorine	Correct	1
lithium and fluorine	Correct	1
gold and mercury	Incorrect	0

RawReportData Data

lithium and fluorine	Correct	1
gold and mercury	Incorrect	0
lithium and fluorine	Correct	1
lithium and fluorine	Correct	1
lithium and fluorine	Correct	1
calcium and nickel	Incorrect	0
lithium and fluorine	Correct	1
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0
	Incorrect	0
	Incorrect	0
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0
Hund's Rule	Incorrect	0
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0

RawReportData Data

Octet Rule	Correct	1
	Incorrect	0
Octet Rule	Correct	1
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0
Octet Rule	Correct	1
Octet Rule	Correct	1
Coulomb's Law	Incorrect	0
Octet Rule	Correct	1
Coulomb's Law	Incorrect	0
Coulomb's Law	Incorrect	0
Octet Rule	Correct	1
Coulomb's Law	Incorrect	0
Hund's Rule	Incorrect	0
Coulomb's Law	Incorrect	0

nonmetals share electrons	Correct	1
metals share electrons	Incorrect	0
	Incorrect	0
	Incorrect	0
nonmetals share electrons	Correct	1
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
nonmetals share electrons	Correct	1
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
metals share protons	Incorrect	0
nonmetals share electrons	Correct	1
nonmetals share electrons	Correct	1
nonmetals share electrons	Correct	1

RawReportData Data

nonmetals share electrons	Correct	1
nonmetals share electrons	Correct	1
nonmetals share electrons	Correct	1
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
nonmetals share electrons	Correct	1
nonmetals share electrons	Correct	1
metals share electrons	Incorrect	0
metals share electrons	Incorrect	0
sodium and chlorine	Incorrect	0
carbon and oxygen	Correct	1
	Incorrect	0
	Incorrect	0
neon and argon	Incorrect	0
carbon and oxygen	Correct	1
sodium and chlorine	Incorrect	0

RawReportData Data

carbon and oxygen	Correct	1
neon and argon	Incorrect	0
carbon and oxygen	Correct	1
	Incorrect	0
carbon and oxygen	Correct	1
neon and argon	Incorrect	0
carbon and oxygen	Correct	1
neon and argon	Incorrect	0
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
carbon and oxygen	Correct	1
sodium and chlorine	Incorrect	0

RawReportData Data

sodium and chlorine	Incorrect	0
neon and argon	Incorrect	0
small metal with large nonmetal	Incorrect	0
small metal with large nonmetal	Incorrect	0
	Incorrect	0
	Incorrect	0
large metal with small nonmetal	Correct	1
small metal with large nonmetal	Incorrect	0
	Incorrect	0
small metal with large nonmetal	Incorrect	0
small metal with large nonmetal	Incorrect	0
large metal with small nonmetal	Correct	1
	Incorrect	0
large metal with large nonmetal	Incorrect	0
large metal with large nonmetal	Incorrect	0
small metal with large nonmetal	Incorrect	0

RawReportData Data

small metal with small nonmetal	Incorrect	0
large metal with small nonmetal	Correct	1
large metal with small nonmetal	Correct	1
small metal with large nonmetal	Incorrect	0
large metal with small nonmetal	Correct	1
small metal with large nonmetal	Incorrect	0
large metal with large nonmetal	Incorrect	0
large metal with small nonmetal	Correct	1
large metal with small nonmetal	Correct	1
small metal with large nonmetal	Incorrect	0
small metal with small nonmetal	Incorrect	0
dissolves in water	Correct	1
dissolves in water	Correct	1
	Incorrect	0
	Incorrect	0
dissolves in water	Correct	1

RawReportData Data

emits light	Incorrect	0
change in color	Incorrect	0
change in color	Incorrect	0
change in color	Incorrect	0
dissolves in water	Correct	1
	Incorrect	0
dissolves in water	Correct	1
dissolves in water	Correct	1
change in color	Incorrect	0
dissolves in water	Correct	1
dissolves in water	Correct	1
emits light	Incorrect	0
dissolves in water	Correct	1
dissolves in water	Correct	1
change in color	Incorrect	0
dissolves in water	Correct	1

dissolves in water	Correct	1
dissolves in water	Correct	1
dissolves in water	Correct	1
dissolves in water	Correct	1
F and Cl	Correct	1
	Incorrect	0
	Incorrect	0
	Incorrect	0
F and Cl	Correct	1
F and Cl	Correct	1
	Incorrect	0
	Incorrect	0
Na and Mg	Incorrect	0
F and Cl	Correct	1
	Incorrect	0
Na and Mg	Incorrect	0

C and Cl	Incorrect	0
C and Cl	Incorrect	0
H and He	Incorrect	0
F and Cl	Correct	1
F and Cl	Correct	1
H and He	Incorrect	0
F and Cl	Correct	1
Na and Mg	Incorrect	0
H and He	Incorrect	0
F and Cl	Correct	1
Na and Mg	Incorrect	0
F and Cl	Correct	1
F and Cl	Correct	1

RawReportData Data

Incorrect	Score (points)	Score without Answer Streak Bonus (points)
0	848	848
0	818	818
1	0	0
1	0	0
0	947	947
0	815	815
0	868	868
0	892	892
0	665	665
0	905	905
0	813	813
0	768	768
0	930	930
0	887	887
0	807	807

RawReportData Data

0	762	762
0	748	748
0	853	853
0	1000	1000
0	907	907
0	838	838
0	1000	1000
0	893	893
0	920	920
0	858	858
1	0	0
0	847	747
0	767	767
1	0	0
0	982	882
0	815	715

RawReportData Data

0	987	887
1	0	0
1	0	0
0	1035	935
0	970	870
1	0	0
0	1043	943
1	0	0
1	0	0
0	1037	937
0	1082	982
1	0	0
0	1088	988
1	0	0
0	758	658
0	1100	1000

RawReportData Data

0	1063	963
0	1023	923
0	1063	963
0	590	590
0	957	757
1	0	0
1	0	0
0	1178	978
0	927	727
0	1053	853
0	520	520
1	0	0
0	1178	978
1	0	0
0	617	617
1	0	0

RawReportData Data

0	827	827
0	598	598
0	1155	955
0	1200	1000
1	0	0
0	1200	1000
0	935	935
0	1005	805
0	1200	1000
0	1150	950
0	1132	932
0	1117	917
0	785	685
1	0	0
1	0	0
1	0	0

RawReportData Data

0	1265	965
0	817	517
1	0	0
0	675	575
0	758	758
0	1280	980
0	757	757
0	857	757
0	878	878
0	987	887
0	912	812
0	1280	980
0	1300	1000
1	0	0
0	1300	1000
0	1023	923

RawReportData Data

0	848	548
0	1300	1000
0	1223	923
0	1247	947
0	1083	783
0	880	680
1	0	0
1	0	0
1	0	0
0	1323	923
1	0	0
0	693	693
0	1058	858
1	0	0
0	1387	987
1	0	0

RawReportData Data

0	790	590
1	0	0
0	898	698
0	762	562
0	1355	955
0	1400	1000
1	0	0
0	1400	1000
0	1075	875
1	0	0
0	1400	1000
0	1265	865
0	1282	882
0	1195	795
1	0	0
0	555	555

RawReportData Data

1	0	0
1	0	0
0	1377	877
0	555	555
1	0	0
1	0	0
0	555	555
0	1490	990
1	0	0
0	877	577
1	0	0
0	847	547
1	0	0
0	1453	953
0	1500	1000
1	0	0

RawReportData Data

0	1500	1000
1	0	0
0	570	570
0	1500	1000
0	1225	725
1	0	0
0	1108	608
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0

RawReportData Data

0	1488	988
1	0	0
0	1002	602
1	0	0
1	0	0
1	0	0
0	1325	825
0	1423	923
1	0	0
0	1450	950
1	0	0
1	0	0
0	1425	925
1	0	0
1	0	0
1	0	0

RawReportData Data

0	552	552
1	0	0
1	0	0
1	0	0
0	918	918
1	0	0
1	0	0
1	0	0
1	0	0
0	1490	990
1	0	0
1	0	0
1	0	0
0	672	672
0	620	620
0	1438	938

RawReportData Data

0	1490	990
0	743	743
0	1463	963
1	0	0
1	0	0
0	1492	992
0	803	803
1	0	0
1	0	0
1	0	0
0	588	588
1	0	0
1	0	0
1	0	0
0	797	797
1	0	0

RawReportData Data

0	668	668
1	0	0
0	1492	992
1	0	0
0	825	825
1	0	0
0	897	797
1	0	0
0	1472	972
0	1500	1000
0	822	722
0	1433	933
0	737	737
0	610	610
0	1488	988
1	0	0

RawReportData Data

1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
0	800	800
1	0	0
1	0	0
1	0	0
1	0	0
0	1483	983
1	0	0
1	0	0
1	0	0
1	0	0

RawReportData Data

1	0	0
0	1463	963
0	1500	1000
1	0	0
0	1397	897
1	0	0
1	0	0
0	1487	987
0	837	837
1	0	0
1	0	0
0	525	525
0	635	635
1	0	0
1	0	0
0	1023	923

RawReportData Data

1	0	0
1	0	0
1	0	0
1	0	0
0	1478	978
1	0	0
0	557	557
0	942	942
1	0	0
0	530	530
0	1345	845
1	0	0
0	662	662
0	1487	987
1	0	0
0	597	597

RawReportData Data

0	1490	990
0	922	822
0	872	872
0	885	885
0	618	518
1	0	0
1	0	0
1	0	0
0	1080	880
0	595	595
1	0	0
1	0	0
1	0	0
0	1460	960
1	0	0
1	0	0

RawReportData Data

1	0	0
1	0	0
1	0	0
0	1500	1000
0	1000	1000
1	0	0
0	1483	983
1	0	0
1	0	0
0	1483	983
1	0	0
0	1018	918
0	990	890

RawReportData Data

Current Total Score (points)	Answer Time (%)
848	30.33%
818	36.33%
0	100.00%
0	100.00%
947	10.67%
815	37.00%
868	26.33%
892	21.67%
665	67.00%
905	19.00%
813	37.33%
768	46.33%
930	14.00%
887	22.67%
807	38.67%

RawReportData Data

762	47.67%
748	50.33%
853	29.33%
1000	1.33%
907	18.67%
838	32.33%
1000	1.00%
893	21.33%
920	16.00%
858	28.33%
848	99.67%
1665	50.67%
767	46.67%
0	100.00%
1929	23.67%
1630	57.00%

RawReportData Data

1855	22.67%
892	38.33%
665	85.00%
1940	13.00%
1783	26.00%
768	97.67%
1973	11.33%
887	85.33%
807	11.33%
1799	12.67%
1830	3.67%
853	17.67%
2088	2.33%
907	16.00%
1596	68.33%
2100	0.67%

RawReportData Data

1956	7.33%
1943	15.33%
1921	7.33%
1438	82.00%
2622	48.67%
767	100.00%
0	100.00%
3107	4.33%
2557	54.67%
2908	29.33%
1412	96.00%
665	75.33%
3118	4.33%
1783	33.00%
1385	76.67%
1973	12.33%

RawReportData Data

1714	34.67%
1405	80.33%
2954	9.00%
3030	1.00%
853	52.00%
3288	0.67%
1842	13.00%
2601	39.00%
3300	1.00%
3106	10.00%
3075	13.67%
3038	16.67%
2223	63.00%
2622	100.00%
767	100.00%
0	100.00%

RawReportData Data

4372	7.00%
3374	96.67%
2908	100.00%
2087	85.00%
1423	48.33%
4398	4.00%
2540	48.67%
2242	48.67%
2851	24.33%
2701	22.67%
2317	37.67%
4234	4.00%
4330	1.00%
853	66.33%
4588	1.33%
2865	15.33%

RawReportData Data

3449	90.33%
4600	0.67%
4329	15.33%
4322	10.67%
4121	43.33%
3103	64.00%
2622	90.33%
767	100.00%
0	100.00%
5695	15.33%
3374	96.33%
3601	61.33%
3145	28.33%
1423	100.00%
5785	2.67%
2540	100.00%

RawReportData Data

3032	82.00%
2851	19.67%
3599	60.33%
3079	87.67%
5589	9.00%
5730	1.33%
853	67.67%
5988	1.00%
3940	25.00%
3449	88.33%
6000	1.33%
5594	27.00%
5604	23.67%
5316	41.00%
3103	95.33%
3177	89.00%

RawReportData Data

767	76.67%
0	100.00%
7072	24.67%
3929	89.00%
3601	100.00%
3145	76.33%
1978	89.00%
7275	2.00%
2540	100.00%
3909	84.67%
2851	7.33%
4446	90.67%
3079	32.67%
7042	9.33%
7230	1.33%
853	36.00%

RawReportData Data

7488	1.33%
3940	40.33%
4019	86.00%
7500	1.00%
6819	55.00%
5604	76.67%
6424	78.33%
3103	99.00%
3177	49.67%
767	100.00%
0	100.00%
7072	15.33%
3929	76.33%
3601	35.67%
3145	19.00%
1978	69.33%

RawReportData Data

8763	2.33%
2540	100.00%
4911	79.67%
2851	7.00%
4446	92.33%
3079	23.00%
8367	35.00%
8653	15.33%
853	34.67%
8938	10.00%
3940	15.33%
4019	82.00%
8925	15.00%
6819	8.67%
5604	34.67%
6424	34.67%

RawReportData Data

3655	89.67%
3177	43.00%
767	100.00%
0	100.00%
7990	16.33%
3929	50.33%
3601	23.00%
3145	65.00%
1978	77.67%
10253	2.00%
2540	33.00%
4911	93.00%
2851	8.33%
5118	65.67%
3699	76.00%
9805	12.33%

RawReportData Data

10143	2.00%
1596	51.33%
10401	7.33%
3940	52.00%
4019	92.33%
10417	1.67%
7622	39.33%
5604	27.00%
6424	15.00%
3655	92.00%
3765	82.33%
767	100.00%
0	100.00%
7990	36.67%
4726	40.67%
3601	47.33%

RawReportData Data

3813	66.33%
1978	71.67%
11745	1.67%
2540	100.00%
5736	35.00%
2851	21.33%
6015	40.67%
3699	87.33%
11277	5.67%
11643	0.67%
2418	55.67%
11834	13.33%
4677	52.67%
4629	78.00%
11905	2.33%
7622	10.67%

RawReportData Data

5604	38.33%
6424	55.33%
3655	51.33%
3765	70.67%
767	100.00%
0	100.00%
8790	40.00%
4726	75.67%
3601	100.00%
3813	69.00%
1978	48.67%
13228	3.33%
2540	100.00%
5736	93.00%
2851	68.67%
6015	47.00%

RawReportData Data

3699	80.67%
12740	7.33%
13143	1.00%
2418	36.33%
13231	20.67%
4677	62.67%
4629	94.67%
13392	2.67%
8459	32.67%
5604	52.00%
6424	22.00%
4180	95.00%
4400	73.00%
767	100.00%
0	100.00%
9813	15.33%

RawReportData Data

4726	50.67%
3601	61.67%
3813	98.67%
1978	53.33%
14706	4.33%
2540	100.00%
6293	88.67%
3793	11.67%
6015	88.67%
4229	94.00%
14085	31.00%
13143	1.00%
3080	67.67%
14718	2.67%
4677	80.00%
5226	80.67%

RawReportData Data

14882	2.00%
9381	35.67%
6476	25.67%
7309	23.00%
4798	96.50%
4400	100.00%
767	100.00%
0	100.00%
10893	24.00%
5321	81.00%
3601	100.00%
3813	100.00%
1978	74.50%
16166	8.00%
2540	100.00%
6293	92.50%

RawReportData Data

3793	36.50%
6015	97.00%
4229	84.50%
15585	2.00%
14143	1.50%
3080	89.50%
16201	3.50%
4677	98.00%
5226	95.00%
16365	3.50%
9381	39.00%
7494	16.50%
8299	22.00%

Answer Time (seconds)
9,1
10,9
30
30
3,2
11,1
7,9
6,5
20,1
5,7
11,2
13,9
4,2
6,8
11,6

14,3
15,1
8,8
0,4
5,6
9,7
0,3
6,4
4,8
8,5
29,9
15,2
14
30
7,1
17,1

6,8
11,5
25,5
3,9
7,8
29,3
3,4
25,6
3,4
3,8
1,1
5,3
0,7
4,8
20,5
0,2

2,2
4,6
2,2
24,6
14,6
30
30
1,3
16,4
8,8
28,8
22,6
1,3
9,9
23
3,7

10,4
24,1
2,7
0,3
15,6
0,2
3,9
11,7
0,3
3
4,1
5
18,9
30
30
30

2,1
29
30
25,5
14,5
1,2
14,6
14,6
7,3
6,8
11,3
1,2
0,3
19,9
0,4
4,6

27,1
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19,2
27,1
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28,9
18,4
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0,8
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24,6
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18,1
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0,4
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7,1
12,3
28,6
26,7

23
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7,4
26,7
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22,9
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10,8

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0,3
16,5
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23,5
29,7
14,9
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4,6
22,9
10,7
5,7
20,8

0,7
30
23,9
2,1
27,7
6,9
10,5
4,6
10,4
3
4,6
24,6
4,5
2,6
10,4
10,4

26,9
12,9
30
30
4,9
15,1
6,9
19,5
23,3
0,6
9,9
27,9
2,5
19,7
22,8
3,7

0,6
15,4
2,2
15,6
27,7
0,5
11,8
8,1
4,5
27,6
24,7
30
30
11
12,2
14,2

19,9
21,5
0,5
30
10,5
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