

## Electronegativity

Played on	12 Nov 2019
Hosted by	carly_deyo1
Played with	24 players
Played	11 of 11

## Overall Performance

Total correct answers (%)	66,29%
Total incorrect answers (%)	33,71%
Average score (points)	7520,7



## Feedback

Number of responses	9
How fun was it? (out of 5)	2,17 o
Did you learn something?	42,86%
Do you recommend it?	33,33%
How do you feel?	

Switch tabs/pages to view other result breakdown

## Overview


%
%
79 points

ut of 5			
% Yes	57,14% No		
% Yes	66,67% No		
11,11% Positive		11,11% Neutral	

--

## Overview

Sentiment	Percentage
Negative	77,78%
Neutral	22,22%

# Electronegativity

## Final Scores

Rank	Players
1	Carly
2	Emily
3	fernanda
4	niklas
5	kevy
6	Dana
7	Kent
8	Daniel
9	Lauren
10	Balin
11	Shane
12	Ryan
13	♠William L♠
14	victoria
15	Jay
16	Bianca
17	Savannah
18	kyle
19	Garrett Keeney
20	sophie
21	wes
22	Maya

### Final Scores

23	Will c
24	Orion

# Final Scores

Total Score (points)	Correct Answers	Incorrect Answers
11991	10	1
11983	10	1
11666	10	1
9466	9	2
9429	9	2
9201	9	2
8748	8	3
8314	8	3
8293	8	3
8141	8	3
7519	8	3
7471	8	3
6675	6	5
6433	6	5
6384	6	5
6294	6	5
6124	7	4
6054	6	5
5870	6	5
5564	6	5
5243	6	5
4747	5	6

# Final Scores

4553	5	6
4336	5	6

# Electronegativity

## Kahoot! Summary

Rank	Players
1	Carly
2	Emily
3	fernanda
4	niklas
5	kevy
6	Dana
7	Kent
8	Daniel
9	Lauren
10	Balin
11	Shane
12	Ryan
13	♠William L♠
14	victoria
15	Jay



### Kahoot! Summary

16	Bianca
17	Savannah
18	kyle
19	Garrett Keeney
20	sophie
21	wes
22	Maya
23	Will c
24	Orion

# Kahoot! Summary

Total Score (points)	Q1
11991	990
11983	975
11666	952
9466	760
9429	960
9201	755
8748	947
8314	0
8293	920
8141	718
7519	722
7471	0
6675	910
6433	712
6384	888

### Kahoot! Summary

6294	747
6124	875
6054	708
5870	705
5564	873
5243	603
4747	902
4553	800
4336	803

# Kahoot! Summary

Definition of Electronegativity....	Q2
measure of tendency of atom to attract a bonding pair of electrons	1085
measure of tendency of atom to attract a bonding pair of electrons	1092
measure of tendency of atom to attract a bonding pair of electrons	1088
measure of tendency of atom to attract a bonding pair of electrons	1028
measure of tendency of atom to attract a bonding pair of electrons	1082
measure of tendency of atom to attract a bonding pair of electrons	1075
measure of tendency of atom to attract a bonding pair of electrons	1100
physical properties associated with metallic characteristics	968
measure of tendency of atom to attract a bonding pair of electrons	1048
measure of tendency of atom to attract a bonding pair of electrons	1057
measure of tendency of atom to attract a bonding pair of electrons	1043
physical properties associated with metallic characteristics	728
measure of tendency of atom to attract a bonding pair of electrons	1010
measure of tendency of atom to attract a bonding pair of electrons	1070
measure of tendency of atom to attract a bonding pair of electrons	1013

# Kahoot! Summary

measure of tendency of atom to attract a bonding pair of electrons	1002
measure of tendency of atom to attract a bonding pair of electrons	983
measure of tendency of atom to attract a bonding pair of electrons	963
measure of tendency of atom to attract a bonding pair of electrons	935
measure of tendency of atom to attract a bonding pair of electrons	0
measure of tendency of atom to attract a bonding pair of electrons	0
measure of tendency of atom to attract a bonding pair of electrons	933
measure of tendency of atom to attract a bonding pair of electrons	1040
measure of tendency of atom to attract a bonding pair of electrons	0

# Kahoot! Summary

Flourine is has the LARGEST value for this trend	Q3
True	1182
True	1200
True	1183
True	1162
True	1188
True	1173
True	1200
True	1063
True	1117
True	1017
True	1033
True	970
True	1110
True	1137
True	1028

### Kahoot! Summary

	True	1068
	True	1030
	True	997
	True	1015
	False	945
	False	790
	True	1090
	True	0
	False	0

# Kahoot! Summary

What happens to electronegativity as it moves down a group	Q4
decreases	1290
decreases	1300
decreases	1277
decreases	1250
decreases	1300
decreases	1270
decreases	1292
decreases	1178
decreases	1273
decreases	1272
decreases	1255
decreases	1135
decreases	1277
decreases	1257
decreases	1247



### Kahoot! Summary

decreases	1252
decreases	0
decreases	1058
decreases	1047
decreases	1037
decreases	1003
decreases	0
increases	763
increases	873

# Kahoot! Summary

what happens to the trend when moving LEFT TO RIGHT on the periodic table	Q5
increases	0
increases	0
increases	0
increases	1345
increases	0
increases	1380
increases	0
increases	1287
increases	0
increases	0
increases	1320
increases	1217
increases	1400
increases	1347
increases	1333

### Kahoot! Summary

increases	1327
increases/decreases	918
increases	1328
increases	1300
increases	1167
increases	1162
decreases	950
increases	997
increases	938

# Kahoot! Summary

Caesium and Francium have the LARGEST value to this trend	Q6
True	990
True	988
True	963
False	1317
True	920
False	1265
True	982
False	1285
True	902
True	927
False	0
False	1122
False	0
False	0
False	0

### Kahoot! Summary

	False	0
	False	613
	False	0
	False	0
	False	0
	False	0
	False	0
	False	0
	False	0

## Kahoot! Summary

How does this trend affect covalent bonding?	Q7
it leads to polarity	1092
it leads to polarity	1090
it leads to polarity	998
it leads to polarity	0
it leads to polarity	0
it leads to polarity	0
it leads to polarity	0
it leads to polarity	0
it leads to polarity	0
it leads to polarity	0
it leads to gained electron	0
it leads to polarity	0
it leads to lost electrons	0
it leads to lost electrons	0
it leads to lost electrons	0

### Kahoot! Summary

it leads to lost electrons	0
it leads to polarity	0
it leads to lost electrons	0
it leads to gained electron	0
it leads to gained electron	0
it causes isotopes	0
it leads to lost electrons	0
it leads to lost electrons	0
it leads to lost electrons	0

# Kahoot! Summary

How does this trend affect the bonds polarity?	Q8
creates positive regions	1190
creates positive regions	1192
creates positive regions	1182
creates negative regions	972
creates negative regions	863
creates electrical regions	958
creates negative regions	990
creates negative regions	955
creates electrical regions	880
creates electrical regions	967
creates negative regions	885
creates electrical regions	777
creates negative regions	968
creates electrical regions	910
creates negative regions	875



### Kahoot! Summary

creates electrical regions	898
creates negative regions	922
creates electrical regions	0
creates electrical regions	868
creates negative regions	960
creates electrical regions	950
creates electrical regions	872
creates electrical regions	953
creates electrical regions	937

# Kahoot! Summary

What trend is being researched?	Q9
Electronegativity	1292
Electronegativity	1278
Electronegativity	1277
Electronegativity	792
Electronegativity	1063
Electronegativity	0
Electronegativity	1065
Electronegativity	803
Electronegativity	1040
Electronegativity	1028
Electronegativity	738
Electronegativity	712
Electronegativity	0
Electronegativity	0
Electronegativity	0

### Kahoot! Summary

Electronegativity	0
Electronegativity	783
Chemical Properties	0
Electronegativity	0
Electronegativity	0
Electronegativity	0
Electronegativity	0
Electronegativity	0
Electronegativity	0

# Kahoot! Summary

Define polarity:	Q10
property of having poles	1392
property of having poles	1383
property of having poles	1358
property of having poles	840
property of having poles	1175
property of having charges	545
property of having poles	1172
property of having poles	0
property of having poles	1113
property of having poles	1155
property of having poles	0
property of having poles	810
property of having charges	0
property of having charges	0
property of having charges	0

### Kahoot! Summary

property of having charges	0
property of having poles	0
property of positivity	1000
	0
property of positivity	582
property of having charges	735
property of having charges	0
property of having charges	0
property of having charges	0

# Kahoot! Summary

which is true about electronegativity	Q11
bigger atom, harder to gain electrons	1488
bigger atom, harder to gain electrons	1485
bigger atom, harder to gain electrons	1388
bigger atom, harder to gain electrons	0
bigger atom, harder to gain electrons	878
bigger atom, harder to gain electrons	780
bigger atom, harder to gain electrons	0
bigger atom, easier to gain electrons	775
bigger atom, harder to gain electrons	0
bigger atom, harder to gain electrons	0
bigger atom, easier to gain electrons	523
bigger atom, harder to gain electrons	0
smaller atoms, harder to gain electrons	0
bigger atom, easier to gain electrons	0
bigger atom, easier to gain electrons	0

### Kahoot! Summary

bigger atom, easier to gain electrons	0
smaller atoms, harder to gain electrons	0
bigger atom, harder to gain electrons	0
bigger atom, easier to gain electrons	0
bigger atom, harder to gain electrons	0
bigger atom, harder to gain electrons	0
	0
smaller atoms, easier to gain electrons	0
smaller atoms, harder to gain electrons	785

## Kahoot! Summary

Which atom has greater electronegativity?
Oxygen
Oxygen
Oxygen
Magnesium
Oxygen
Oxygen
Magnesium
Oxygen
Magnesium
Oxygen
Neon
Neon
Magnesium



### Kahoot! Summary

Neon
Neon
Neon
Neon
Neon
Neon
Neon
Oxygen

Electrone
1 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

1 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Electronegativity	
Definition of Electronegativity....	
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	measure of the tendency of an atom to attract a bonding pair of electrons
Electronegativity is expressed in units of eV.	91,67%
Electronegativity is a dimensionless quantity.	30 seconds

Summary	
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	▲
Electronegativity is expressed in units of eV.	■
Electronegativity is a dimensionless quantity.	
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	




Details	
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	Answer
Electronegativity is expressed in units of eV.	✓
Electronegativity is a dimensionless quantity.	✓
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	✓
Electronegativity is expressed in units of eV.	✓
Electronegativity is a dimensionless quantity.	✗
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	✓
Electronegativity is expressed in units of eV.	✓
Electronegativity is a dimensionless quantity.	✓
Electronegativity is a measure of the tendency of an atom to attract a bonding pair of electrons.	✓
Electronegativity is expressed in units of eV.	✓
Electronegativity is a dimensionless quantity.	✓

1 Quiz

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

1 Quiz

measure of tendency of atom to attract a bonding pair of electrons
ends

measure of tendency of atom to attract a bonding pair of electrons	
	
22	
10,30	

	Score (p
measure of tendency of atom to attract a bonding pair of electrons	718
measure of tendency of atom to attract a bonding pair of electrons	747
measure of tendency of atom to attract a bonding pair of electrons	990
measure of tendency of atom to attract a bonding pair of electrons	755
physical properties associated with metallic characteristics	0
measure of tendency of atom to attract a bonding pair of electrons	975
measure of tendency of atom to attract a bonding pair of electrons	705
measure of tendency of atom to attract a bonding pair of electrons	888
measure of tendency of atom to attract a bonding pair of electrons	947
measure of tendency of atom to attract a bonding pair of electrons	920

## 1 Quiz

measure of tendency of atom to attract a bonding pair of electrons	902
measure of tendency of atom to attract a bonding pair of electrons	803
physical properties associated with metallic characteristics	0
measure of tendency of atom to attract a bonding pair of electrons	875
measure of tendency of atom to attract a bonding pair of electrons	722
measure of tendency of atom to attract a bonding pair of electrons	800
measure of tendency of atom to attract a bonding pair of electrons	952
measure of tendency of atom to attract a bonding pair of electrons	960
measure of tendency of atom to attract a bonding pair of electrons	708
measure of tendency of atom to attract a bonding pair of electrons	760
measure of tendency of atom to attract a bonding pair of electrons	873
measure of tendency of atom to attract a bonding pair of electrons	712
measure of tendency of atom to attract a bonding pair of electrons	603
measure of tendency of atom to attract a bonding pair of electrons	910

1 Quiz


physical properties associated with metallic characteristics	<div></div>
X	
2	
16,85	

oints)	Current
	718
	747
	990
	755
	0
	975
	705
	888
	947
	920



1 Quiz

	902
	803
	0
	875
	722
	800
	952
	960
	708
	760
	873
	712
	603
	910

1 Quiz


a straight line from the center to the circumference of circle or square	<div></div>
X	
0	
0,00	

Total Score (points)	Answer ti
	16,9
	15,2
	0,6
	14,7
	16,8
	1,5
	17,7
	6,7
	3,2
	4,8

1 Quiz

	5,9
	11,8
	16,9
	7,5
	16,7
	12
	2,9
	2,4
	17,5
	14,4
	7,6
	17,3
	23,8
	5,4

## 1 Quiz

Country	Percentage of electricity that is negative
Germany	95%
France	85%
Italy	75%
Spain	65%
Greece	55%
Portugal	45%
Ireland	35%
UK	25%

1 Quiz


Electrone
2 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

2 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
Flourine is has the LARGEST value for this trend	
s	True
(%)	87,50%
on	30 secur

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

ails	
	Answer
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓


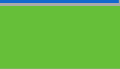


2 Quiz

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

2 Quiz

nds

False	
X	
3	
3,63	

	Score (p
True	1057
True	1002
True	1085
True	1075
True	968
True	1092
True	935
True	1013
True	1100
True	1048

2 Quiz

True	933
False	0
True	728
True	983
True	1043
True	1040
True	1088
True	1082
True	963
True	1028
False	0
True	1070
False	0
True	1010

2 Quiz


True	<div></div>
<div>✓</div>	
21	
4,46	

oints)	Current
	1775
	1749
	2075
	1830
	968
	2067
	1640
	1901
	2047
	1968

2 Quiz

	1835
	803
	728
	1858
	1765
	1840
	2040
	2042
	1671
	1788
	873
	1782
	603
	1920

2 Quiz



Total Score (points)	Answer t
	2,6
	5,9
	0,9
	1,5
	1,9
	0,5
	9,9
	5,2
	0,4
	3,1

2 Quiz

	10
	2,9
	16,3
	7
	3,4
	3,6
	0,7
	1,1
	8,2
	4,3
	4,7
	1,8
	3,3
	5,4

## 2 Quiz

[illegible]



2 Quiz


Electrone
3 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

3 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Electronegativity	
What happens to electronegativity as it moves down a group	
Electronegativity	decreases
Score (%)	91,67%
Time taken	30 seconds

Summary	
Score	▲
Correct?	
Questions received	
Time taken to answer (seconds)	

Details	
	Answer
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓

3 Quiz

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

3 Quiz

es
nds

stays the same	◆
X	
0	
0,00	

	Score (p
decreases	1017
decreases	1068
decreases	1182
decreases	1173
decreases	1063
decreases	1200
decreases	1015
decreases	1028
decreases	1200
decreases	1117

3 Quiz

decreases	1090
increases	0
decreases	970
decreases	1030
decreases	1033
increases	0
decreases	1183
decreases	1188
decreases	997
decreases	1162
decreases	945
decreases	1137
decreases	790
decreases	1110

3 Quiz


increases	<div><div></div></div>
X	
2	
7,50	

oints)	Current
	2792
	2817
	3257
	3003
	2031
	3267
	2655
	2929
	3247
	3085



3 Quiz

	2925
	803
	1698
	2888
	2798
	1840
	3223
	3230
	2668
	2950
	1818
	2919
	1393
	3030

3 Quiz


decreases	<div><div></div></div>
<div><div>✓</div></div>	
22	
5,76	

Total Score (points)	Answer t
	11
	7,9
	1,1
	1,6
	2,2
	0,4
	11,1
	10,3
	0,3
	5

3 Quiz

	6,6
	7,6
	7,8
	10,2
	10
	7,4
	1
	0,7
	12,2
	2,3
	3,3
	3,8
	12,6
	5,4

### 3 Quiz

[illegible]

3 Quiz


Electrone
4 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

4 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
what happens to the trend when moving LEFT TO RIGHT on the p	
s	increase
(%)	91,67%
on	30 secur

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

ails	
	Answer
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓



4 Quiz

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

periodic table
s
nds

decreases	◆
x	
1	
2,50	

	Score (p
increases	1272
increases	1252
increases	1290
increases	1270
increases	1178
increases	1300
increases	1047
increases	1247
increases	1292
increases	1273

4 Quiz

decreases	0
increases	873
increases	1135
increases/decreases	0
increases	1255
increases	763
increases	1277
increases	1300
increases	1058
increases	1250
increases	1037
increases	1257
increases	1003
increases	1277

4 Quiz


increases/decreases	●
X	
1	
2,60	

(points)	Current
	4064
	4069
	4547
	4273
	3209
	4567
	3702
	4176
	4539
	4358

4 Quiz

	2925
	1676
	2833
	2888
	4053
	2603
	4500
	4530
	3726
	4200
	2855
	4176
	2396
	4307

4 Quiz


increases	<input type="checkbox"/>
<input checked="" type="checkbox"/>	
22	
4,11	

Total Score (points)	Answer t
	1,7
	2,9
	0,6
	1,8
	1,3
	0,4
	15,2
	3,2
	0,5
	1,6

4 Quiz

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

## 4 Quiz

Speed (m/s)	Time (seconds)
10	10
20	5
30	3.3
40	2.5
50	2
60	1.7
70	1.4
80	1.3
90	1.1
100	1

time (seconds)



4 Quiz


Electrone
5 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

5 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
Caesium and Francium have the LARGEST value to this trend	
s	False
(%)	70,83%
on	30 secor

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




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

5 Quiz

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

5 Quiz

nds

False	
	
17	
3,85	

	Score (p
True	0
False	1327
True	0
False	1380
False	1287
True	0
False	1300
False	1333
True	0
True	0

5 Quiz

False	950
False	938
False	1217
False	918
False	1320
False	997
True	0
True	0
False	1328
False	1345
False	1167
False	1347
False	1162
False	1400

5 Quiz


True	<input checked="" type="radio"/>
X	
7	
0,96	

oints)	Current
	4064
	5396
	4547
	5653
	4496
	4567
	5002
	5509
	4539
	4358



5 Quiz

	3875
	2614
	4050
	3806
	5373
	3600
	4500
	4530
	5054
	5545
	4022
	5523
	3558
	5707

5 Quiz



Total Score (points)	Answer t
	0,7
	4,4
	0,6
	1,2
	0,8
	0,7
	6
	4
	0,4
	1,8

5 Quiz

	3
	9,7
	5
	4,9
	4,8
	6,2
	1,4
	1,1
	4,3
	3,3
	2
	3,2
	2,3
	0,3

## 5 Quiz

[illegible]

5 Quiz


Electrone
6 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

6 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
How does this trend affect covalent bonding?	
s	it leads t
(%)	50,00%
on	30 secur

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

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



6 Quiz

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

6 Quiz

o polarity
nds

it leads to lost electrons	◆
X	
8	
15,73	

	Score (p
it leads to polarity	927
it leads to lost electrons	0
it leads to polarity	990
it leads to polarity	1265
it leads to polarity	1285
it leads to polarity	988
it leads to gained electron	0
it leads to lost electrons	0
it leads to polarity	982
it leads to polarity	902

## 6 Quiz

it leads to lost electrons	0
it leads to lost electrons	0
it leads to polarity	1122
it leads to polarity	613
it leads to gained electron	0
it leads to lost electrons	0
it leads to polarity	963
it leads to polarity	920
it leads to lost electrons	0
it leads to polarity	1317
it leads to gained electron	0
it leads to lost electrons	0
it causes isotopes	0
it leads to lost electrons	0

6 Quiz


it leads to gained electron	<div></div>
X	
3	
19,77	

oints)	Current
	4991
	5396
	5537
	6918
	5781
	5555
	5002
	5509
	5521
	5260

6 Quiz

	3875
	2614
	5172
	4419
	5373
	3600
	5463
	5450
	5054
	6862
	4022
	5523
	3558
	5707

6 Quiz


it leads to polarity	<div></div>
<div>✓</div>	
12	
8,13	

Total Score (points)	Answer ti
	4,4
	28,4
	0,6
	14,1
	6,9
	0,7
	19,4
	10,6
	1,1
	5,9

6 Quiz

	12,4
	13,5
	16,7
	29,2
	18,1
	13,7
	2,2
	4,8
	11,6
	11
	21,8
	9,8
	19,1
	25,8

## 6 Quiz

Isotope	Half-life (years)
Uranium-238	4.5 billion
Carbon-14	5,730
Potassium-40	1.25 billion
Uranium-235	704 million



6 Quiz


Electrone
7 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

7 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
How does this trend affect the bonds polarity?	
s	creates p
(%)	12,50%
on	30 secor



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

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

7 Quiz

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

positive regions
nds

creates negative regions	
X	
9	
13,91	

	Score (p
creates electrical regions	0
creates electrical regions	0
creates positive regions	1092
creates electrical regions	0
creates negative regions	0
creates positive regions	1090
creates electrical regions	0
creates negative regions	0
creates negative regions	0
creates electrical regions	0

7 Quiz

creates electrical regions	0
creates electrical regions	0
creates electrical regions	0
creates negative regions	0
creates negative regions	0
creates electrical regions	0
creates positive regions	998
creates negative regions	0
creates electrical regions	0
creates negative regions	0
creates negative regions	0
creates electrical regions	0
creates electrical regions	0
creates negative regions	0

7 Quiz


creates positive regions	<div></div>
<div>✓</div>	
3	
2,40	

oints)	Current
	4991
	5396
	6629
	6918
	5781
	6645
	5002
	5509
	5521
	5260



7 Quiz

	3875
	2614
	5172
	4419
	5373
	3600
	6461
	5450
	5054
	6862
	4022
	5523
	3558
	5707

7 Quiz


creates neutral regions	<input checked="" type="checkbox"/>
X	
0	
0,00	

Total Score (points)	Answer t
	20,8
	15,5
	0,5
	25,7
	17
	0,6
	24,7
	25,6
	3,3
	6,3

7 Quiz

	20,3
	18,9
	17,4
	7,6
	17,6
	14
	6,1
	17,2
	20,9
	13,1
	16,8
	28,3
	14,9
	7



7 Quiz


Electrone
8 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

8 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
What trend is being researched?	
s	Electron
(%)	95,83%
on	30 secor

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

ails	
	Answer
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓
	✓



8 Quiz

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

8 Quiz

egativity
nds

Ionization	◆
X	
0	
0,00	

	Score (p
Electronegativity	967
Electronegativity	898
Electronegativity	1190
Electronegativity	958
Electronegativity	955
Electronegativity	1192
Electronegativity	868
Electronegativity	875
Electronegativity	990
Electronegativity	880

## 8 Quiz

Electronegativity	872
Electronegativity	937
Electronegativity	777
Electronegativity	922
Electronegativity	885
Electronegativity	953
Electronegativity	1182
Electronegativity	863
Chemical Properties	0
Electronegativity	972
Electronegativity	960
Electronegativity	910
Electronegativity	950
Electronegativity	968

8 Quiz


Chemical Properties	
X	
1	
8,30	

oints)	Current
	5958
	6294
	7819
	7876
	6736
	7837
	5870
	6384
	6511
	6140

8 Quiz

	4747
	3551
	5949
	5341
	6258
	4553
	7643
	6313
	5054
	7834
	4982
	6433
	4508
	6675

8 Quiz


Metallic Properties	<div></div>
X	
0	
0,00	

Total Score (points)	Answer ti
	2
	6,1
	0,6
	2,5
	2,7
	0,5
	7,9
	7,5
	0,6
	7,2

8 Quiz

	7,7
	3,8
	13,4
	4,7
	6,9
	2,8
	1,1
	8,2
	8,3
	1,7
	2,4
	5,4
	3
	1,9

## 8 Quiz

[illegible]



8 Quiz


Electrone
9 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

9 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
Define polarity:	
s	property
(%)	50,00%
on	30 secor

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




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

9 Quiz

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

9 Quiz

of having poles
nds

property of having poles	
	
12	
9,64	

	Score (p
property of having poles	1028
property of having charges	0
property of having poles	1292
property of having charges	0
property of having poles	803
property of having poles	1278
	0
property of having charges	0
property of having poles	1065
property of having poles	1040

9 Quiz

property of having charges	0
property of having charges	0
property of having poles	712
property of having poles	783
property of having poles	738
property of having charges	0
property of having poles	1277
property of having poles	1063
property of positivity	0
property of having poles	792
property of positivity	0
property of having charges	0
property of having charges	0
property of having charges	0


property of positivity	<div></div>
X	
2	
7,35	

oints)	Current
	6986
	6294
	9111
	7876
	7539
	9115
	5870
	6384
	7576
	7180



9 Quiz

	4747
	3551
	6661
	6124
	6996
	4553
	8920
	7376
	5054
	8626
	4982
	6433
	4508
	6675

9 Quiz


property of having negativity	<input type="checkbox"/>
X	
0	
0,00	

Total Score (points)	Answer ti
	4,3
	16,1
	0,5
	7,4
	17,8
	1,3
	30
	25,5
	2,1
	3,6

9 Quiz

	7,6
	13,2
	23,3
	19
	21,7
	13,6
	1,4
	2,2
	0,3
	18,5
	14,4
	20,6
	5,3
	4,2

## 9 Quiz

[illegible]

9 Quiz


Electrone
10 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

10 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Negativity	
which is true about electronegativity	
s	bigger at
(%)	54,17%
on	30 secur

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

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



10 Quiz

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

10 Quiz

om, harder to gain electrons
nds

bigger atom, harder to gain electrons	◆
✓	
13	
9,91	

	Score (p
bigger atom, harder to gain electrons	1155
bigger atom, easier to gain electrons	0
bigger atom, harder to gain electrons	1392
bigger atom, harder to gain electrons	545
bigger atom, easier to gain electrons	0
bigger atom, harder to gain electrons	1383
bigger atom, easier to gain electrons	0
bigger atom, easier to gain electrons	0
bigger atom, harder to gain electrons	1172
bigger atom, harder to gain electrons	1113

## 10 Quiz

	0
smaller atoms, harder to gain electrons	0
bigger atom, harder to gain electrons	810
smaller atoms, harder to gain electrons	0
bigger atom, easier to gain electrons	0
smaller atoms, easier to gain electrons	0
bigger atom, harder to gain electrons	1358
bigger atom, harder to gain electrons	1175
bigger atom, harder to gain electrons	1000
bigger atom, harder to gain electrons	840
bigger atom, harder to gain electrons	582
bigger atom, easier to gain electrons	0
bigger atom, harder to gain electrons	735
smaller atoms, harder to gain electrons	0

10 Quiz


smaller atoms, harder to gain electrons	<div></div>
X	
3	
16,13	

oints)	Current
	8141
	6294
	10503
	8421
	7539
	10498
	5870
	6384
	8748
	8293

10 Quiz

	4747
	3551
	7471
	6124
	6996
	4553
	10278
	8551
	6054
	9466
	5564
	6433
	5243
	6675

10 Quiz


bigger atom, easier to gain electrons	<input type="checkbox"/>
X	
6	
20,02	

Total Score (points)	Answer ti
	2,7
	20,5
	0,5
	27,3
	15,1
	1
	14,5
	28,7
	1,7
	5,2

10 Quiz

	30
	17,1
	23,4
	19,4
	12,9
	18,1
	2,5
	1,5
	0,4
	21,6
	25,1
	28,4
	15,9
	11,9

smaller atoms, easier to gain electrons

Element	Time (seconds)
Fluorine	1
Chlorine	18,100
Oxygen	X
Nitrogen	X
Carbon	X
Hydrogen	X
Helium	X



10 Quiz


Electrone
11 Quiz
Correct answers
Players correct (
Question duratic
Answer Sum
Answer options
Is answer correc
Number of answ
Average time tal
Answer Deta
Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren

11 Quiz

Maya
Orion
Ryan
Savannah
Shane
Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Electronegativity	
Which atom has greater electronegativity?	
Is	Oxygen
(%)	33,33%
on	20 seconds

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




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

11 Quiz

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

11 Quiz

nds

Oxygen	
	
8	
9,00	

	Score (p
Magnesium	0
Neon	0
Oxygen	1488
Oxygen	780
Oxygen	775
Oxygen	1485
Neon	0
Magnesium	0
Magnesium	0
	0

11 Quiz

	0
Oxygen	785
Neon	0
Neon	0
Oxygen	523
Neon	0
Oxygen	1388
Oxygen	878
Neon	0
Magnesium	0
Neon	0
	0
Neon	0
Neon	0

11 Quiz


Magnesium	
X	
4	
13,30	

oints)	Current
	8141
	6294
	11991
	9201
	8314
	11983
	5870
	6384
	8748
	8293



11 Quiz

	4747
	4336
	7471
	6124
	7519
	4553
	11666
	9429
	6054
	9466
	5564
	6433
	5243
	6675

11 Quiz


Carbon	<div></div>
X	
0	
0,00	

Total Score (points)	Answer ti
	16,5
	18,2
	0,5
	12,8
	9
	0,6
	17,7
	18,5
	9,4
	20

11 Quiz

	20
	8,6
	15,3
	4,2
	19,1
	4,4
	4,5
	16,9
	17
	8,8
	12,7
	20
	16,2
	3,2



11 Quiz


Question Number
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Question
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
Definition of Electronegativity....
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Flourine is has the LARGEST value for this trend
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What happens to electronegativity as it moves down a group
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what happens to the trend when moving LEFT TO RIGHT on the periodic table
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what happens to the trend when moving LEFT TO RIGHT on the periodic table
Caesium and Francium have the LARGEST value to this trend
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How does this trend affect covalent bonding?
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which is true about electronegativity
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which is true about electronegativity
Which atom has greater electronegativity?
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Answer 1	Answer 2
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
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measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics



measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
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measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
measure of tendency of atom to attract a bonding pair of electrons	physical properties associated with metallic characteristics
False	True
False	True
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False	True
False	True

RawReportData Data

False	True
False	True
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False	True
stays the same	increases
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False	True
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron

it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
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it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron
it leads to lost electrons	it leads to gained electron



it leads to lost electrons	it leads to gained electron
creates negative regions	creates positive regions
creates negative regions	creates positive regions
creates negative regions	creates positive regions
creates negative regions	creates positive regions
creates negative regions	creates positive regions
creates negative regions	creates positive regions
creates negative regions	creates positive regions
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creates negative regions	creates positive regions
Ionization	Chemical Properties
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Ionization	Chemical Properties
Ionization	Chemical Properties

Ionization	Chemical Properties
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
property of having poles	property of positivity
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property of having poles	property of positivity
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property of having poles	property of positivity
property of having poles	property of positivity
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons

bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons

bigger atom, harder to gain electrons	smaller atoms, harder to gain electrons
Oxygen	Magnesium
Oxygen	Magnesium
Oxygen	Magnesium
Oxygen	Magnesium
Oxygen	Magnesium
Oxygen	Magnesium
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Oxygen	Magnesium
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Oxygen	Magnesium
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Oxygen	Magnesium
Oxygen	Magnesium
Oxygen	Magnesium



Answer 3	Answer 4
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative

a straight line from the center to the circumference of circle or square	electricity that is negative
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a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative
a straight line from the center to the circumference of circle or square	electricity that is negative


decreases	increases/decreases
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increases	stays the same
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increases	stays the same

it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes
it leads to polarity	it causes isotopes



it leads to polarity	it causes isotopes
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it leads to polarity	it causes isotopes
creates neutral regions	creates electrical regions
creates neutral regions	creates electrical regions
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Metallic Properties	Electronegativity
Metallic Properties	Electronegativity
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Metallic Properties	Electronegativity
Metallic Properties	Electronegativity

Metallic Properties	Electronegativity
property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
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property of having negativity	property of having charges
property of having negativity	property of having charges
property of having negativity	property of having charges
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons

bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons

bigger atom, easier to gain electrons	smaller atoms, easier to gain electrons
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon



Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon
Carbon	Neon

Correct Answers	Time Allotted to Answer (seconds)
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
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measure of tendency of atom to attract a bonding pair of electrons	30
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measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30

measure of tendency of atom to attract a bonding pair of electrons	30
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measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
measure of tendency of atom to attract a bonding pair of electrons	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30

RawReportData Data

True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30
True	30

RawReportData Data

True	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
decreases	30
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increases	30
increases	30
increases	30
increases	30
increases	30
increases	30
increases	30
increases	30

RawReportData Data

increases	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30



RawReportData Data

False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
False	30
it leads to polarity	30
it leads to polarity	30
it leads to polarity	30
it leads to polarity	30
it leads to polarity	30
it leads to polarity	30
it leads to polarity	30

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it leads to polarity	30
it leads to polarity	30

it leads to polarity	30
creates positive regions	30
creates positive regions	30
creates positive regions	30
creates positive regions	30
creates positive regions	30
creates positive regions	30
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creates positive regions	30
Electronegativity	30
Electronegativity	30
Electronegativity	30
Electronegativity	30
Electronegativity	30
Electronegativity	30
Electronegativity	30

Electronegativity	30
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Electronegativity	30
Electronegativity	30
Electronegativity	30

Electronegativity	30
property of having poles	30
property of having poles	30
property of having poles	30
property of having poles	30
property of having poles	30
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property of having poles	30
property of having poles	30
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property of having poles	30
property of having poles	30
property of having poles	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30

bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
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bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30
bigger atom, harder to gain electrons	30



bigger atom, harder to gain electrons	30
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20

Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20
Oxygen	20

Players
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney
Jay
Kent
Lauren
Maya
Orion
Ryan
Savannah
Shane

Will c
fernanda
kevy
kyle
niklas
sophie
victoria
wes
♠William L♠
Balin
Bianca
Carly
Dana
Daniel
Emily
Garrett Keeney

Jay
Kent
Lauren
Maya
Orion
Ryan
Savannah
Shane
Will c
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kyle
niklas
sophie
victoria
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Shane

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wes



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Orion
Ryan
Savannah
Shane

Will c
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kevy
kyle
niklas
sophie
victoria
wes
♠William L♠

Answer	Correct / Incorrect	Correct
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
physical properties associated with metallic characteristics	Incorrect	0
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
physical properties associated with metallic characteristics	Incorrect	0
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1

measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
measure of tendency of atom to attract a bonding pair of electrons	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1

RawReportData Data

True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
False	Incorrect	0
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
True	Correct	1
False	Incorrect	0
True	Correct	1
False	Incorrect	0

RawReportData Data

True	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
increases	Incorrect	0
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1

RawReportData Data

increases	Incorrect	0
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
decreases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1



RawReportData Data

increases	Correct	1
increases	Correct	1
increases	Correct	1
decreases	Incorrect	0
increases	Correct	1
increases	Correct	1
increases/decreases	Incorrect	0
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1
increases	Correct	1

RawReportData Data

increases	Correct	1
True	Incorrect	0
False	Correct	1
True	Incorrect	0
False	Correct	1
False	Correct	1
True	Incorrect	0
False	Correct	1
False	Correct	1
True	Incorrect	0
True	Incorrect	0
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1

# RawReportData Data

False	Correct	1
True	Incorrect	0
True	Incorrect	0
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1
False	Correct	1
it leads to polarity	Correct	1
it leads to lost electrons	Incorrect	0
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to gained electron	Incorrect	0

## RawReportData Data

it leads to lost electrons	Incorrect	0
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to lost electrons	Incorrect	0
it leads to lost electrons	Incorrect	0
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to gained electron	Incorrect	0
it leads to lost electrons	Incorrect	0
it leads to polarity	Correct	1
it leads to polarity	Correct	1
it leads to lost electrons	Incorrect	0
it leads to polarity	Correct	1
it leads to gained electron	Incorrect	0
it leads to lost electrons	Incorrect	0
it causes isotopes	Incorrect	0

it leads to lost electrons	Incorrect	0
creates electrical regions	Incorrect	0
creates electrical regions	Incorrect	0
creates positive regions	Correct	1
creates electrical regions	Incorrect	0
creates negative regions	Incorrect	0
creates positive regions	Correct	1
creates electrical regions	Incorrect	0
creates negative regions	Incorrect	0
creates negative regions	Incorrect	0
creates electrical regions	Incorrect	0
creates electrical regions	Incorrect	0
creates electrical regions	Incorrect	0
creates electrical regions	Incorrect	0
creates negative regions	Incorrect	0
creates negative regions	Incorrect	0

creates electrical regions	Incorrect	0
creates positive regions	Correct	1
creates negative regions	Incorrect	0
creates electrical regions	Incorrect	0
creates negative regions	Incorrect	0
creates negative regions	Incorrect	0
creates electrical regions	Incorrect	0
creates electrical regions	Incorrect	0
creates negative regions	Incorrect	0
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1

Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Chemical Properties	Incorrect	0
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1
Electronegativity	Correct	1

Electronegativity	Correct	1
property of having poles	Correct	1
property of having charges	Incorrect	0
property of having poles	Correct	1
property of having charges	Incorrect	0
property of having poles	Correct	1
property of having poles	Correct	1
	Incorrect	0
property of having charges	Incorrect	0
property of having poles	Correct	1
property of having poles	Correct	1
property of having charges	Incorrect	0
property of having charges	Incorrect	0
property of having poles	Correct	1
property of having poles	Correct	1
property of having poles	Correct	1



## RawReportData Data

property of having charges	Incorrect	0
property of having poles	Correct	1
property of having poles	Correct	1
property of positivity	Incorrect	0
property of having poles	Correct	1
property of positivity	Incorrect	0
property of having charges	Incorrect	0
property of having charges	Incorrect	0
property of having charges	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
bigger atom, easier to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
bigger atom, easier to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
bigger atom, easier to gain electrons	Incorrect	0

## RawReportData Data

bigger atom, easier to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
	Incorrect	0
smaller atoms, harder to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
smaller atoms, harder to gain electrons	Incorrect	0
bigger atom, easier to gain electrons	Incorrect	0
smaller atoms, easier to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
bigger atom, harder to gain electrons	Correct	1
bigger atom, easier to gain electrons	Incorrect	0
bigger atom, harder to gain electrons	Correct	1

## RawReportData Data

smaller atoms, harder to gain electrons	Incorrect	0
Magnesium	Incorrect	0
Neon	Incorrect	0
Oxygen	Correct	1
Oxygen	Correct	1
Oxygen	Correct	1
Oxygen	Correct	1
Neon	Incorrect	0
Magnesium	Incorrect	0
Magnesium	Incorrect	0
	Incorrect	0
	Incorrect	0
Oxygen	Correct	1
Neon	Incorrect	0
Neon	Incorrect	0
Oxygen	Correct	1

RawReportData Data

Neon	Incorrect	0
Oxygen	Correct	1
Oxygen	Correct	1
Neon	Incorrect	0
Magnesium	Incorrect	0
Neon	Incorrect	0
	Incorrect	0
Neon	Incorrect	0
Neon	Incorrect	0

RawReportData Data

Incorrect	Score (points)	Score without Answer Streak Bonus (points)
0	718	718
0	747	747
0	990	990
0	755	755
1	0	0
0	975	975
0	705	705
0	888	888
0	947	947
0	920	920
0	902	902
0	803	803
1	0	0
0	875	875
0	722	722

RawReportData Data

0	800	800
0	952	952
0	960	960
0	708	708
0	760	760
0	873	873
0	712	712
0	603	603
0	910	910
0	1057	957
0	1002	902
0	1085	985
0	1075	975
0	968	968
0	1092	992
0	935	835

RawReportData Data

0	1013	913
0	1100	1000
0	1048	948
0	933	833
1	0	0
0	728	728
0	983	883
0	1043	943
0	1040	940
0	1088	988
0	1082	982
0	963	863
0	1028	928
1	0	0
0	1070	970
1	0	0

RawReportData Data

0	1010	910
0	1017	817
0	1068	868
0	1182	982
0	1173	973
0	1063	963
0	1200	1000
0	1015	815
0	1028	828
0	1200	1000
0	1117	917
0	1090	890
1	0	0
0	970	870
0	1030	830
0	1033	833



RawReportData Data

1	0	0
0	1183	983
0	1188	988
0	997	797
0	1162	962
0	945	945
0	1137	937
0	790	790
0	1110	910
0	1272	972
0	1252	952
0	1290	990
0	1270	970
0	1178	978
0	1300	1000
0	1047	747

RawReportData Data

0	1247	947
0	1292	992
0	1273	973
1	0	0
0	873	873
0	1135	935
1	0	0
0	1255	955
0	763	763
0	1277	977
0	1300	1000
0	1058	758
0	1250	950
0	1037	937
0	1257	957
0	1003	903

RawReportData Data

0	1277	977
1	0	0
0	1327	927
1	0	0
0	1380	980
0	1287	987
1	0	0
0	1300	900
0	1333	933
1	0	0
1	0	0
0	950	950
0	938	838
0	1217	917
0	918	918
0	1320	920

RawReportData Data

0	997	897
1	0	0
1	0	0
0	1328	928
0	1345	945
0	1167	967
0	1347	947
0	1162	962
0	1400	1000
0	927	927
1	0	0
0	990	990
0	1265	765
0	1285	885
0	988	988
1	0	0

RawReportData Data

1	0	0
0	982	982
0	902	902
1	0	0
1	0	0
0	1122	722
0	613	513
1	0	0
1	0	0
0	963	963
0	920	920
1	0	0
0	1317	817
1	0	0
1	0	0
1	0	0

RawReportData Data

1	0	0
1	0	0
1	0	0
0	1092	992
1	0	0
1	0	0
0	1090	990
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
1	0	0

RawReportData Data

1	0	0
0	998	898
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
0	967	967
0	898	898
0	1190	990
0	958	958
0	955	955
0	1192	992
0	868	868

RawReportData Data

0	875	875
0	990	990
0	880	880
0	872	872
0	937	937
0	777	777
0	922	922
0	885	885
0	953	953
0	1182	982
0	863	863
1	0	0
0	972	972
0	960	960
0	910	910
0	950	950



RawReportData Data

0	968	968
0	1028	928
1	0	0
0	1292	992
1	0	0
0	803	703
0	1278	978
1	0	0
1	0	0
0	1065	965
0	1040	940
1	0	0
1	0	0
0	712	612
0	783	683
0	738	638

RawReportData Data

1	0	0
0	1277	977
0	1063	963
1	0	0
0	792	692
1	0	0
1	0	0
1	0	0
1	0	0
0	1155	955
1	0	0
0	1392	992
0	545	545
1	0	0
0	1383	983
1	0	0

RawReportData Data

1	0	0
0	1172	972
0	1113	913
1	0	0
1	0	0
0	810	610
1	0	0
1	0	0
1	0	0
0	1358	958
0	1175	975
0	1000	1000
0	840	640
0	582	582
1	0	0
0	735	735

RawReportData Data

1	0	0
1	0	0
1	0	0
0	1488	988
0	780	680
0	775	775
0	1485	985
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
0	785	785
1	0	0
1	0	0
0	523	523

RawReportData Data

1	0	0
0	1388	888
0	878	578
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0

RawReportData Data

Current Total Score (points)	Answer Time (%)
718	56.33%
747	50.67%
990	2.00%
755	49.00%
0	56.00%
975	5.00%
705	59.00%
888	22.33%
947	10.67%
920	16.00%
902	19.67%
803	39.33%
0	56.33%
875	25.00%
722	55.67%

RawReportData Data

800	40.00%
952	9.67%
960	8.00%
708	58.33%
760	48.00%
873	25.33%
712	57.67%
603	79.33%
910	18.00%
1775	8.67%
1749	19.67%
2075	3.00%
1830	5.00%
968	6.33%
2067	1.67%
1640	33.00%

RawReportData Data

1901	17.33%
2047	1.33%
1968	10.33%
1835	33.33%
803	9.67%
728	54.33%
1858	23.33%
1765	11.33%
1840	12.00%
2040	2.33%
2042	3.67%
1671	27.33%
1788	14.33%
873	15.67%
1782	6.00%
603	11.00%



RawReportData Data

1920	18.00%
2792	36.67%
2817	26.33%
3257	3.67%
3003	5.33%
2031	7.33%
3267	1.33%
2655	37.00%
2929	34.33%
3247	1.00%
3085	16.67%
2925	22.00%
803	25.33%
1698	26.00%
2888	34.00%
2798	33.33%

RawReportData Data

1840	24.67%
3223	3.33%
3230	2.33%
2668	40.67%
2950	7.67%
1818	11.00%
2919	12.67%
1393	42.00%
3030	18.00%
4064	5.67%
4069	9.67%
4547	2.00%
4273	6.00%
3209	4.33%
4567	1.33%
3702	50.67%

RawReportData Data

4176	10.67%
4539	1.67%
4358	5.33%
2925	8.33%
1676	25.33%
2833	13.00%
2888	8.67%
4053	9.00%
2603	47.33%
4500	4.67%
4530	1.00%
3726	48.33%
4200	10.00%
2855	12.67%
4176	8.67%
2396	19.33%

RawReportData Data

4307	4.67%
4064	2.33%
5396	14.67%
4547	2.00%
5653	4.00%
4496	2.67%
4567	2.33%
5002	20.00%
5509	13.33%
4539	1.33%
4358	6.00%
3875	10.00%
2614	32.33%
4050	16.67%
3806	16.33%
5373	16.00%

RawReportData Data

3600	20.67%
4500	4.67%
4530	3.67%
5054	14.33%
5545	11.00%
4022	6.67%
5523	10.67%
3558	7.67%
5707	1.00%
4991	14.67%
5396	94.67%
5537	2.00%
6918	47.00%
5781	23.00%
5555	2.33%
5002	64.67%

RawReportData Data

5509	35.33%
5521	3.67%
5260	19.67%
3875	41.33%
2614	45.00%
5172	55.67%
4419	97.33%
5373	60.33%
3600	45.67%
5463	7.33%
5450	16.00%
5054	38.67%
6862	36.67%
4022	72.67%
5523	32.67%
3558	63.67%

RawReportData Data

5707	86.00%
4991	69.33%
5396	51.67%
6629	1.67%
6918	85.67%
5781	56.67%
6645	2.00%
5002	82.33%
5509	85.33%
5521	11.00%
5260	21.00%
3875	67.67%
2614	63.00%
5172	58.00%
4419	25.33%
5373	58.67%

RawReportData Data

3600	46.67%
6461	20.33%
5450	57.33%
5054	69.67%
6862	43.67%
4022	56.00%
5523	94.33%
3558	49.67%
5707	23.33%
5958	6.67%
6294	20.33%
7819	2.00%
7876	8.33%
6736	9.00%
7837	1.67%
5870	26.33%



RawReportData Data

6384	25.00%
6511	2.00%
6140	24.00%
4747	25.67%
3551	12.67%
5949	44.67%
5341	15.67%
6258	23.00%
4553	9.33%
7643	3.67%
6313	27.33%
5054	27.67%
7834	5.67%
4982	8.00%
6433	18.00%
4508	10.00%

RawReportData Data

6675	6.33%
6986	14.33%
6294	53.67%
9111	1.67%
7876	24.67%
7539	59.33%
9115	4.33%
5870	100.00%
6384	85.00%
7576	7.00%
7180	12.00%
4747	25.33%
3551	44.00%
6661	77.67%
6124	63.33%
6996	72.33%

RawReportData Data

4553	45.33%
8920	4.67%
7376	7.33%
5054	1.00%
8626	61.67%
4982	48.00%
6433	68.67%
4508	17.67%
6675	14.00%
8141	9.00%
6294	68.33%
10503	1.67%
8421	91.00%
7539	50.33%
10498	3.33%
5870	48.33%

RawReportData Data

6384	95.67%
8748	5.67%
8293	17.33%
4747	100.00%
3551	57.00%
7471	78.00%
6124	64.67%
6996	43.00%
4553	60.33%
10278	8.33%
8551	5.00%
6054	1.33%
9466	72.00%
5564	83.67%
6433	94.67%
5243	53.00%

RawReportData Data

6675	39.67%
8141	82.50%
6294	91.00%
11991	2.50%
9201	64.00%
8314	45.00%
11983	3.00%
5870	88.50%
6384	92.50%
8748	47.00%
8293	100.00%
4747	100.00%
4336	43.00%
7471	76.50%
6124	21.00%
7519	95.50%

RawReportData Data

4553	22.00%
11666	22.50%
9429	84.50%
6054	85.00%
9466	44.00%
5564	63.50%
6433	100.00%
5243	81.00%
6675	16.00%

Answer Time (seconds)
16,9
15,2
0,6
14,7
16,8
1,5
17,7
6,7
3,2
4,8
5,9
11,8
16,9
7,5
16,7

12
2,9
2,4
17,5
14,4
7,6
17,3
23,8
5,4
2,6
5,9
0,9
1,5
1,9
0,5
9,9



5,2
0,4
3,1
10
2,9
16,3
7
3,4
3,6
0,7
1,1
8,2
4,3
4,7
1,8
3,3

5,4
11
7,9
1,1
1,6
2,2
0,4
11,1
10,3
0,3
5
6,6
7,6
7,8
10,2
10

7,4
1
0,7
12,2
2,3
3,3
3,8
12,6
5,4
1,7
2,9
0,6
1,8
1,3
0,4
15,2

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

1,4
0,7
4,4
0,6
1,2
0,8
0,7
6
4
0,4
1,8
3
9,7
5
4,9
4,8

6,2
1,4
1,1
4,3
3,3
2
3,2
2,3
0,3
4,4
28,4
0,6
14,1
6,9
0,7
19,4

10,6
1,1
5,9
12,4
13,5
16,7
29,2
18,1
13,7
2,2
4,8
11,6
11
21,8
9,8
19,1

25,8
20,8
15,5
0,5
25,7
17
0,6
24,7
25,6
3,3
6,3
20,3
18,9
17,4
7,6
17,6



14
6,1
17,2
20,9
13,1
16,8
28,3
14,9
7
2
6,1
0,6
2,5
2,7
0,5
7,9

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

1,9
4,3
16,1
0,5
7,4
17,8
1,3
30
25,5
2,1
3,6
7,6
13,2
23,3
19
21,7

13,6
1,4
2,2
0,3
18,5
14,4
20,6
5,3
4,2
2,7
20,5
0,5
27,3
15,1
1
14,5

28,7
1,7
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30
17,1
23,4
19,4
12,9
18,1
2,5
1,5
0,4
21,6
25,1
28,4
15,9

11,9
16,5
18,2
0,5
12,8
9
0,6
17,7
18,5
9,4
20
20
8,6
15,3
4,2
19,1

4,4
4,5
16,9
17
8,8
12,7
20
16,2
3,2