Overview

Electronegativity (Block 5)		
Played on	12 Nov 2019	
Hosted by	JenKrug	
Played with	26 players	
Played	10 of 10	

Overall Performance	
Total correct answers (%)	79,239
Total incorrect answers (%)	20,779
Average score (points)	9554,6

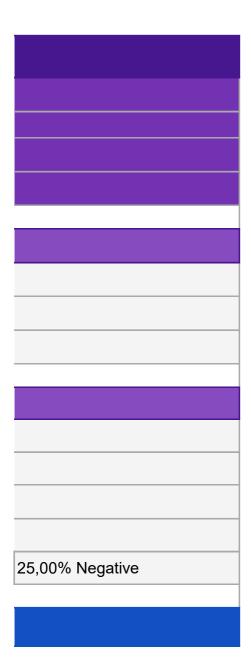
Feedback	
Number of responses	8
How fun was it? (out of 5)	4,00 o
Did you learn something?	75,009
Do you recommend it?	
How do you feel?	•

Switch tabs/pages to view other result breakdown

Overview

%			
%			
39 points			
ut of 5			
% Yes	25,00% No		
% Yes	50,00% No		
62,50% Positive	•	12,50% Neutral	•
	·		-

Overview



Electronegativity (Block 5)

Final Sco	res
Rank	Players
1	mckenna
2	Lindsey
3	mason
4	ok boomer
5	sydney
6	julia
7	jason
8	Camden
9	david
10	Shane
11	Rhys
12	Macon
13	kate
14	sebastian
15	Michael
16	Owen
17	Alec S
18	Liam
19	Max
20	Ashley
21	Ginaa
22	Chelsea

Final Scores

23	maddie
24	Dahlia
25	Bubble Blasters
26	Ok Boomer

Final Scores

Total Score (points)	Correct Answers	Incorrect Answers
13418	10	0
13400	10	0
13329	10	0
13266	10	0
13241	10	0
13093	10	0
11390	9	1
11283	9	1
11265	9	1
11209	9	1
10664	9	1
10613	9	1
10508	9	1
10348	9	1
10333	9	1
10231	9	1
10185	9	1
10110	9	1
9865	8	2
8668	8	2
7006	7	3
6029	6	4

Final Scores

5152	5	5
3816	4	6
0	0	10
0	0	10

Electronegativity (Block 5)

Kahoot! Summary			
Rank	Players		
1	mckenna		
2	Lindsey		
3	mason		
4	ok boomer		
5	sydney		
6	julia		
7	jason		
8	Camden		
9	david		
10	Shane		
11	Rhys		
12	Macon		
13	kate		
14	sebastian		
15	Michael		

	,
16	Owen
17	Alec S
18	Liam
19	Max
20	Ashley
21	Ginaa
22	Chelsea
23	maddie
24	Dahlia
25	Bubble Blasters
26	Ok Boomer

	Ranoot. Summary	
Total Score (points)	Q1	
13418	985	
13400	984	
13329	986	
13266	955	
13241	948	
13093	943	
11390	987	
11283	966	
11265	906	
11209	964	
10664	938	
10613	960	
10508	933	
10348	946	
10333	973	

10231	908
10185	924
10110	907
9865	0
8668	966
7006	931
6029	981
5152	967
3816	887
0	0
0	0

What is Electronegativity?	Q2
A measure of the tendency of an atom to attract a bonding pair of electrons	1085
A measure of the tendency of an atom to attract a bonding pair of electrons	1092
A measure of the tendency of an atom to attract a bonding pair of electrons	1082
A measure of the tendency of an atom to attract a bonding pair of electrons	1077
A measure of the tendency of an atom to attract a bonding pair of electrons	1092
A measure of the tendency of an atom to attract a bonding pair of electrons	1078
A measure of the tendency of an atom to attract a bonding pair of electrons	1094
A measure of the tendency of an atom to attract a bonding pair of electrons	1069
A measure of the tendency of an atom to attract a bonding pair of electrons	0
A measure of the tendency of an atom to attract a bonding pair of electrons	1074
A measure of the tendency of an atom to attract a bonding pair of electrons	1091
A measure of the tendency of an atom to attract a bonding pair of electrons	1070
A measure of the tendency of an atom to attract a bonding pair of electrons	1058
A measure of the tendency of an atom to attract a bonding pair of electrons	1093
A measure of the tendency of an atom to attract a bonding pair of electrons	1087

1041	A measure of the tendency of an atom to attract a bonding pair of electrons
11154	A measure of the tendency of an atom to attract a bonding pair of electrons
1()/1	A measure of the tendency of an atom to attract a bonding pair of electrons
999	The attraction between an electron and the nucleus in any atom
10h2	A measure of the tendency of an atom to attract a bonding pair of electrons
	A measure of the tendency of an atom to attract a bonding pair of electrons
11143	A measure of the tendency of an atom to attract a bonding pair of electrons
()	A measure of the tendency of an atom to attract a bonding pair of electrons
	A measure of the tendency of an atom to attract a bonding pair of electrons
0	
0	

Electronegativity is measured using the Pauling Electronegativity Scale	Q3
True	1196
True	1191
True	1189
True	1186
True	1152
True	1155
True	1191
True	1192
	985
True	1176
True	1140
True	0
True	1134
True	1184
True	1173

True	1137
True	1183
True	1123
True	1084
True	1188
	931
True	0
False	0
	0
	0
	0

In which direction does electronegativity trends increase?	Q4
Left to Right	1290
Left to Right	1291
Left to Right	1292
Left to Right	1278
Left to Right	1282
Left to Right	1284
Left to Right	1293
Left to Right	1292
Left to Right	1087
Left to Right	1284
Left to Right	1282
	973
Left to Right	1251
Left to Right	1283
Left to Right	1282

Left to Right	1287
Left to Right	1280
Left to Right	1269
Left to Right	1188
Left to Right	1288
Left to Right	1091
Down	988
Down	987
Down	986
	0
	0

What law says that the attraction between protons and electrons increases when they are closer together?	Q5
Coulomb's Law	1383
Coulomb's Law	1379
Coulomb's Law	1385
Coulomb's Law	1386
Coulomb's Law	1388
Coulomb's Law	1375
Coulomb's Law	1395
Coulomb's Law	1364
Coulomb's Law	1175
Coulomb's Law	1363
Coulomb's Law	1339
Coulomb's Law	1072
Coulomb's Law	1337
Coulomb's Law	0
Coulomb's Law	0

Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	1284
Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	0
Coulomb's Law	1076
Coulomb's Law	0
	0
	0

Which has a HIGHER electronegativity?	Q6
Nonmetals	1497
Nonmetals	1483
Nonmetals	1481
Nonmetals	1488
Nonmetals	1466
Nonmetals	1444
Nonmetals	1463
Nonmetals	1489
Nonmetals	1256
Nonmetals	1464
Nonmetals	1441
Nonmetals	1127
Nonmetals	1432
Metals	964
Metals	984

Metals	983
Metals	979
Metals	957
Nonmetals	1362
Metals	987
Metals	920
Metals	987
Nonmetals	1172
Metals	936
	0
	0

Compounds formed between metals and nonmetals generally are?	Q7
Ionic	1496
Ionic	1497
Ionic	1482
Ionic	1474
Ionic	1460
Ionic	1449
Ionic	1481
Ionic	1441
Ionic	1376
lonic	1431
lonic	1412
Ionic	1197
Ionic	1404
Ionic	1011
Ionic	1015

Ionic	1024
Ionic	1002
Ionic	986
lonic	1481
lonic	1019
Ionic	991
Ionic	0
Ionic	0
lonic	1007
	0
	0

What is ionic bonding?	Q8
When one atom transfers electrons to another	1497
When one atom transfers electrons to another	1496
When one atom transfers electrons to another	1482
When one atom transfers electrons to another	1489
When one atom transfers electrons to another	1488
When one atom transfers electrons to another	1458
When one atom transfers electrons to another	1493
When one atom transfers electrons to another	1483
When one atom transfers electrons to another	1494
When one atom transfers electrons to another	1474
When one atom transfers electrons to another	0
When one atom transfers electrons to another	1347
When one atom transfers electrons to another	0
When one atom transfers electrons to another	1184
When one atom transfers electrons to another	1177

1185	When one atom transfers electrons to another
1166	When one atom transfers electrons to another
1159	When one atom transfers electrons to another
1482	When one atom transfers electrons to another
1172	When one atom transfers electrons to another
1153	When one atom transfers electrons to another
ux/	A property that is measurable and whose value describes its state
	A property that is measurable and whose value describes its state
0	When one atom transfers electrons to another
0	
0	

What is covalent bonding?	Q9
When two atoms share electrons	1494
When two atoms share electrons	1493
When two atoms share electrons	1481
When two atoms share electrons	1466
When two atoms share electrons	1487
When two atoms share electrons	1435
When two atoms share electrons	0
When two atoms share electrons	0
When two atoms share electrons	1491
When two atoms share electrons	0
	982
When two atoms share electrons	1447
	972
When two atoms share electrons	1287
When two atoms share electrons	1261

When two atoms share electrons	1287
When two atoms share electrons	1215
When two atoms share electrons	1254
When two atoms share electrons	0
When two atoms share electrons	0
When two atoms share electrons	0
When two atoms share electrons	0
Occurs when there is an electronegativity difference between bonded atoms	950
	0
	0
	0

What is polarity?	Q10
The distribution of electric charge around atoms or chemical groups	1495
The distribution of electric charge around atoms or chemical groups	1494
The distribution of electric charge around atoms or chemical groups	1469
The distribution of electric charge around atoms or chemical groups	1467
The distribution of electric charge around atoms or chemical groups	1478
The distribution of electric charge around atoms or chemical groups	1472
Elements with great differences in electronegativity	993
Elements with great differences in electronegativity	987
The distribution of electric charge around atoms or chemical groups	1495
Elements with great differences in electronegativity	979
The distribution of electric charge around atoms or chemical groups	1039
The distribution of electric charge around atoms or chemical groups	1420
The distribution of electric charge around atoms or chemical groups	987
The distribution of electric charge around atoms or chemical groups	1396
The distribution of electric charge around atoms or chemical groups	1381

The distribution of electric charge around atoms or chemical groups	1379
The distribution of electric charge around atoms or chemical groups	1382
The distribution of electric charge around atoms or chemical groups	1384
Elements with great differences in electronegativity	992
Elements with great differences in electronegativity	986
Elements with great differences in electronegativity	989
Elements with great differences in electronegativity	993
The distribution of electric charge around atoms or chemical groups	
	0
	0
	0

Polarity is not measured by difference in electronegativity	
	False

False
False
True

Electrone

1 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
What is Electronegativity?	
;	A measu
(%)	88,46%
on	90 secon
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	√ □
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	√ □
	✓□
	√ □
	√ □
	√ □
	√□
	√ □

1 Quiz

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Х
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√ □

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nds

A measure of the tendency of an atom to attract a	A
bonding pair of electrons	
√ □	
23	
9,04	

	Score (p
A measure of the tendency of an atom to attract a bonding pair of electrons	924
A measure of the tendency of an atom to attract a bonding pair of electrons	966
	0
A measure of the tendency of an atom to attract a bonding pair of electrons	966
A measure of the tendency of an atom to attract a bonding pair of electrons	981
A measure of the tendency of an atom to attract a bonding pair of electrons	887
A measure of the tendency of an atom to attract a bonding pair of electrons	931
A measure of the tendency of an atom to attract a bonding pair of electrons	907
A measure of the tendency of an atom to attract a bonding pair of electrons	984
A measure of the tendency of an atom to attract a bonding pair of electrons	960

The attraction between an electron and the nucleus	0
in any atom	0
A measure of the tendency of an atom to attract a	973
bonding pair of electrons	373
	0
A measure of the tendency of an atom to attract a	908
bonding pair of electrons	900
A measure of the tendency of an atom to attract a	938
bonding pair of electrons	330
A measure of the tendency of an atom to attract a	964
bonding pair of electrons	304
A measure of the tendency of an atom to attract a	906
bonding pair of electrons	300
A measure of the tendency of an atom to attract a	987
bonding pair of electrons	307
A measure of the tendency of an atom to attract a	943
bonding pair of electrons	0 10
A measure of the tendency of an atom to attract a	933
bonding pair of electrons	
A measure of the tendency of an atom to attract a	967
bonding pair of electrons	
A measure of the tendency of an atom to attract a	986
bonding pair of electrons	
A measure of the tendency of an atom to attract a	985
bonding pair of electrons	
A measure of the tendency of an atom to attract a	955
bonding pair of electrons	
A measure of the tendency of an atom to attract a	946
bonding pair of electrons	
A measure of the tendency of an atom to attract a	948
bonding pair of electrons	

trons			

The complete transfer of valence electrons between	
atoms	
X	
0	
0,00	

oints)	Current
	924
	966
	0
	966
	981
	887
	931
	907
	984
	960

0
973
0
908
938
964
906
987
943
933
967
986
985
955
946
948

The attraction between an electron and the nucleus	
in anv atom	
X	
1	
2,10	

Total Score (points)	Answer ti
	13,7
	6,1
	90
	6,2
	3,4
	20,3
	12,5
	16,8
	2,9
	7,2

2,1
4,8
90
16,6
11,1
6,4
16,9
2,4
10,3
12,1
5,9
2,5
2,7
8,1
9,7
9,3

A process where one or more substances are altered into new substances	
X	
	0
	0,00
me (seconds)	

Electrone

2 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

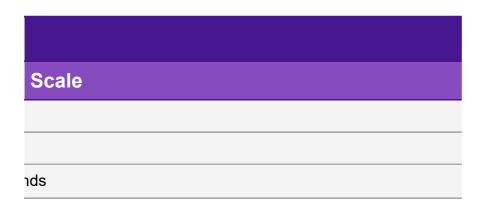
Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
Electronegativity is measured using the Pauling Electronegativity	
;	True
(%)	76,92%
n	90 secor
nmary	
	A
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ken to answer (seconds)	
ails	ı.
	Answer
	√ □
	√ □
	X
	√ □
	√ □
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	X
	√ □
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	√ ⊓

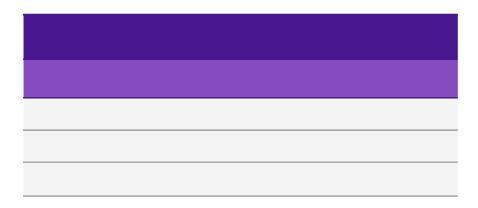
√ □
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Х
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√ □
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Х
√ □
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Х
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	Score (p
True	1054
True	1062
	0
True	1069
True	1093
	0
	0
True	1071
True	1092
True	1070

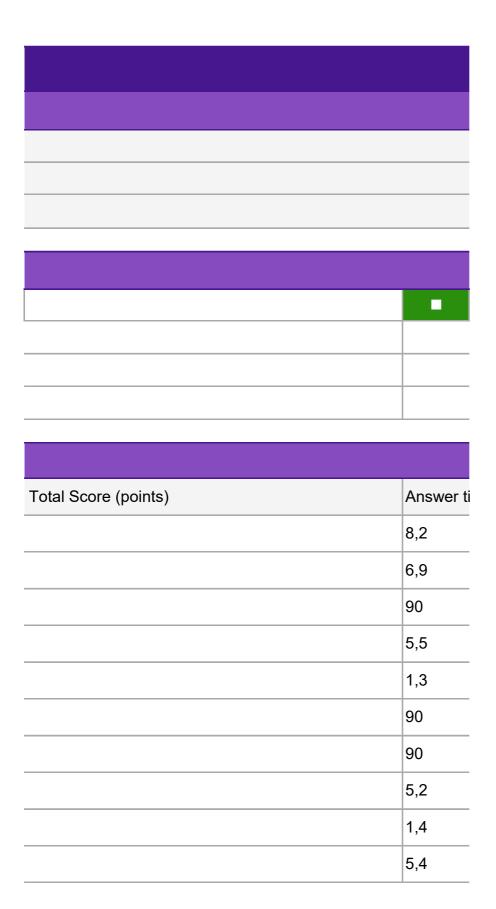
True	992
True	1087
	0
True	1041
True	1091
True	1074
	0
True	1094
True	1078
True	1058
False	0
True	1082
True	1085
True	1077
True	1093
True	1092



True	•
√ □	
20	
4,02	

oints)	Current
	1978
	2028
	0
	2035
	2074
	887
	931
	1978
	2076
	2030

992
2060
0
1949
2029
2038
906
2081
2021
1991
967
2068
2070
2032
2039
2040



1,4
2,3
90
10,7
1,7
4,7
90
1,1
4
7,6
4,4
3,3
2,7
4,1
1,3 1,5

ime (seconds)		
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Electrone

3 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

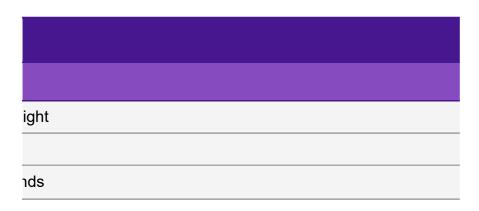
Lindsey

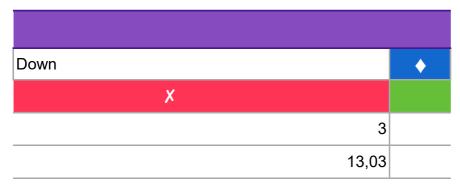
Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5) In which direction does electronegativity trends increase? Left to R (%) 76,92% 90 secor วท nmary ct? ers received ken to answer (seconds) ails Answer **√**□ **√**□ X **√**□ X X **√**□ **√**□ **√**□ X

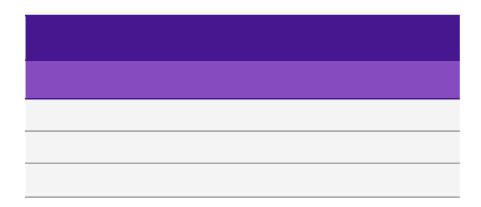
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	Score (p
Left to Right	1183
Left to Right	1188
	0
Left to Right	1192
Down	0
Down	0
Left to Right	931
Left to Right	1123
Left to Right	1191
	0

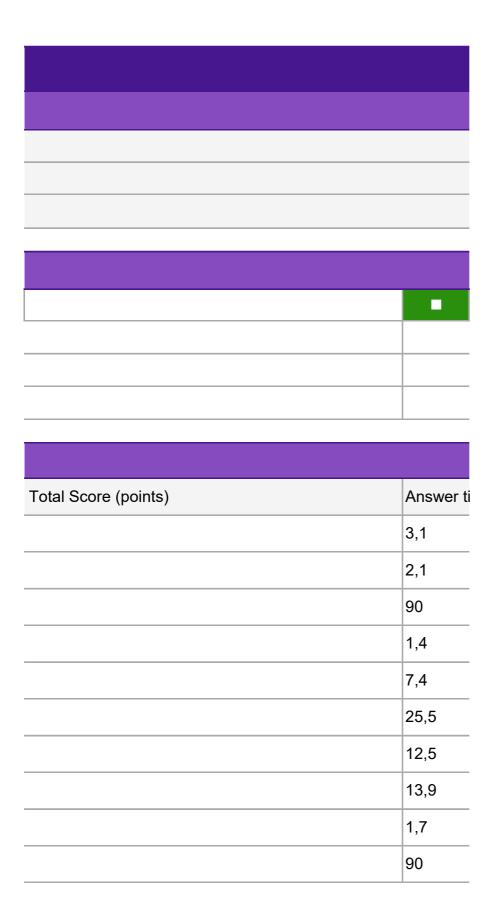
Left to Right	1084
Left to Right	1173
	0
Left to Right	1137
Left to Right	1140
Left to Right	1176
Left to Right	985
Left to Right	1191
Left to Right	1155
Left to Right	1134
Down	0
Left to Right	1189
Left to Right	1196
Left to Right	1186
Left to Right	1184
Left to Right	1152



Left to Right	•
√ □	
20	
5,49	

oints)	Current
	3161
	3216
	0
	3227
	2074
	887
	1862
	3101
	3267
	2030

2076
3233
0
3086
3169
3214
1891
3272
3176
3125
967
3257
3266
3218
3223
3192



2,9
4,9
90
11,4
10,8
4,3
2,7
1,6
8,1
11,8
6,2
2
0,7
2,5
2,8
8,6

ime (seconds)		
ime (seconds)		

Electrone

4 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
What law says that the attraction between protons and electrons	
}	Coulomb
(%)	92,31%
nc	90 secor
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ken to answer (seconds)	
ails	
	Answer
	√ □
	√ □
	Х
	√ □
	√ □
	√ □
	√ □

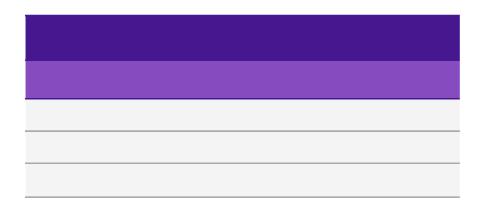
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√ □

increases when they are closer together?
o's Law
nds

Boyle's Law	*
X	
0	
0,00	

	Score (p
Coulomb's Law	1280
Coulomb's Law	1288
	0
Coulomb's Law	1292
Coulomb's Law	988
Coulomb's Law	986
Coulomb's Law	1091
Coulomb's Law	1269
Coulomb's Law	1291
Coulomb's Law	973

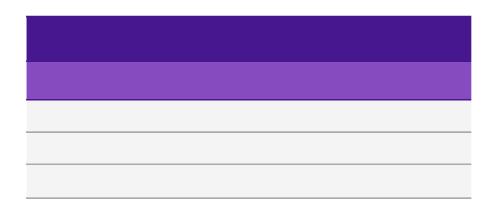
Coulomb's Law	1188
Coulomb's Law	1282
	0
Coulomb's Law	1287
Coulomb's Law	1282
Coulomb's Law	1284
Coulomb's Law	1087
Coulomb's Law	1293
Coulomb's Law	1284
Coulomb's Law	1251
Coulomb's Law	987
Coulomb's Law	1292
Coulomb's Law	1290
Coulomb's Law	1278
Coulomb's Law	1283
Coulomb's Law	1282





points)	
	Current
	4441
	4504
	0
	4519
	3062
	1873
	2953
	4370
	4558
	3003

3264
4515
0
4373
4451
4498
2978
4565
4460
4376
1954
4549
4556
4496
4506
4474



Coulomb's Law	-
√ □	
24	
2,95	

Total Score (points)	Answer ti
	3,6
	2,2
	90
	1,4
	2,1
	2,6
	1,6
	5,6
	1,6
	4,9

2,1
3,3
90
2,4
3,2
2,8
2,4
1,3
2,9
8,9
2,4
1,4
1,8
4
3,1
3,3

Democritus' Law	
X X	
^	
	0
	0,00
ime (seconds)	

Electrone

5 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

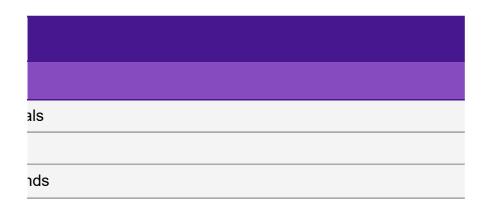
Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
Which has a HIGHER electronegative	ity?
;	Nonmeta
(%)	57,69%
on	90 secon
nmary	
	A
ot?	
ers received	
ken to answer (seconds)	
ails	Answer
	X
	X
	Х
	√ □
	X
	X
	X
	X
	√ □
	√ □

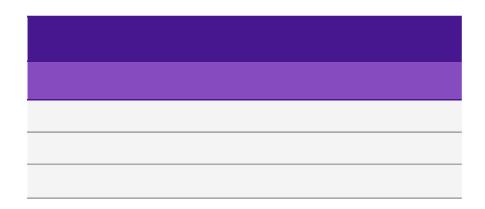
√ □
Х
Х
Х
√ □
Х
√ □





	Score (p
Metals	0
Metals	0
	0
Nonmetals	1364
Metals	0
Nonmetals	1379
Nonmetals	1072

Nonmetals	1284
Metals	0
	0
Metals	0
Nonmetals	1339
Nonmetals	1363
Nonmetals	1175
Nonmetals	1395
Nonmetals	1375
Nonmetals	1337
Nonmetals	1076
Nonmetals	1385
Nonmetals	1383
Nonmetals	1386
Metals	0
Nonmetals	1388



Nonmetals		•
√ □		
	15	
	4,79	

oints)	Current
	4441
	4504
	0
	5883
	3062
	1873
	2953
	4370
	5937
	4075

4548
4515
0
4373
5790
5861
4153
5960
5835
5713
3030
5934
5939
5882
4506
5862

Total Score (points)	Answer ti
Total Score (points)	
Total Score (points)	3,4
Total Score (points)	
Total Score (points)	3,4
Total Score (points)	3,4 2,7 90
Total Score (points)	3,4 2,7 90 6,5
Total Score (points)	3,4 2,7 90
Total Score (points)	3,4 2,7 90 6,5
Total Score (points)	3,4 2,7 90 6,5 2,1 4,5
Total Score (points)	3,4 2,7 90 6,5 2,1 4,5 4 5,8

2,8
7,3
90
13,8
11
6,7
4,5
0,9
4,5
11,3
4,4
2,7
3
2,5
4,1
2,2

ima (accanda)	
ime (seconds)	
me (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
me (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	

Electrone

6 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

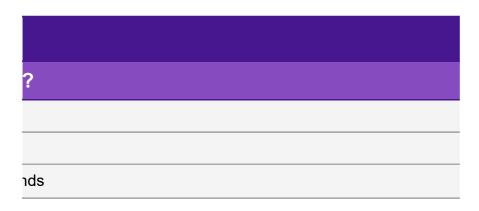
Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
Compounds formed between metals and nonmetals genera	ally are
;	lonic
(%)	92,31%
on	90 secor
nmary	
	A
pt?	
rers received	
ken to answer (seconds)	
ails	
	Answer
	√ □
	√ □
	Х
	√ □
	√ 0
	√ □
	√ □

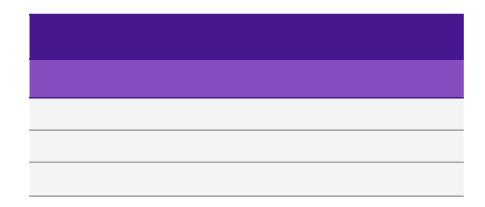
√ 1
V □
√ □
Х
√ Ω
√ □





	Score (p
Ionic	979
lonic	987
	0
lonic	1489
lonic	987
lonic	936
lonic	920
lonic	957
lonic	1483
lonic	1127

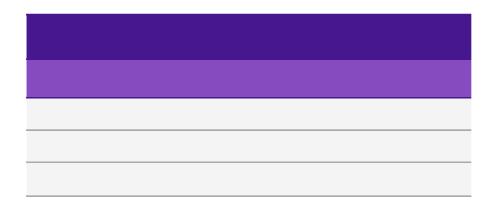
Ionic	1362
Ionic	984
	0
Ionic	983
lonic	1441
Ionic	1464
Ionic	1256
Ionic	1463
Ionic	1444
Ionic	1432
Ionic	1172
Ionic	1481
lonic	1497
Ionic	1488
Ionic	964
Ionic	1466





oints)	Current
	5420
	5491
	0
	7372
	4049
	2809
	3873
	5327
	7420
	5202

5910
5499
0
5356
7231
7325
5409
7423
7279
7145
4202
7415
7436
7370
5470
7328



Metallic			-
	X		
		0	
		0,00	

Total Score (points)	Answer ti
	3,7
	2,4
	90
	2
	2,4
	11,6
	14,4
	7,8
	3
	13,2

6,9
2,8
90
3,1
10,6
6,4
8
6,7
10,1
12,3
5
3,4
0,5
2,2
6,4
6,2

lania	
Ionic	
√ □	
	24
	6,30
me (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	
ime (seconds)	

Electrone

7 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
What is ionic bonding?	
;	When or
(%)	84,62%
n	90 secon
nmary	
	<u> </u>
pt?	
rers received	
ken to answer (seconds)	
ails	
	Answer
	√ □
	√ □
	Х
	√ □
	Х
	√ □

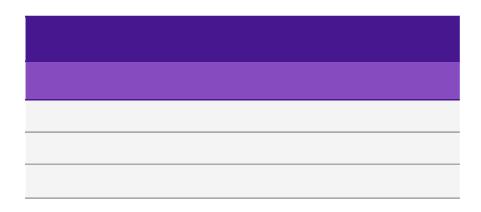
√ □
V □
√ □
Х
√ □
Х
√ ∆
√ □
√ □
√ □
√ □

ne atom transfers electrons to another
nds

Any of a material's propertie that becomes evident	
during a reaction	
X	
0	
0,00	

	Score (p
When one atom transfers electrons to another	1002
When one atom transfers electrons to another	1019
	0
When one atom transfers electrons to another	1441
A property that is measurable and whose value describes its state	0
When one atom transfers electrons to another	1007
When one atom transfers electrons to another	991
When one atom transfers electrons to another	986
When one atom transfers electrons to another	1497
When one atom transfers electrons to another	1197

When one atom transfers electrons to another	1481
When one atom transfers electrons to another	1015
	0
When one atom transfers electrons to another	1024
When one atom transfers electrons to another	1412
When one atom transfers electrons to another	1431
When one atom transfers electrons to another	1376
When one atom transfers electrons to another	1481
When one atom transfers electrons to another	1449
When one atom transfers electrons to another	1404
A property that is measurable and whose value describes its state	0
When one atom transfers electrons to another	1482
When one atom transfers electrons to another	1496
When one atom transfers electrons to another	1474
When one atom transfers electrons to another	1011
When one atom transfers electrons to another	1460



A property that is measurable and whose value	
describes its state	
X	
2	
8,35	

oints)	Current
	6422
	6510
	0
	8813
	4049
	3816
	4864
	6313
	8917
	6399

7391
6514
0
6380
8643
8756
6785
8904
8728
8549
4202
8897
8932
8844
6481
8788

When one atom transfers electrons to another	
√ □	
22	
11,17	

Total Score (points)	Answer ti
	17,7
	14,6
	90
	10,6
	5,1
	16,7
	19,7
	20,5
	0,6
	18,5

3,5
15,3
90
13,7
15,9
12,4
4,4
3,5
9,2
17,2
11,6
3,2
0,7
4,6
16,1
7,2

ime (seconds)		
ime (seconds)		
me (seconds)		
me (seconds)		
ime (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
me (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
me (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		

Electrone

8 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

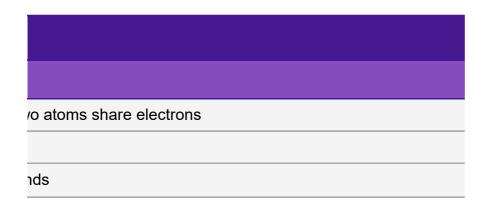
Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
What is covalent bonding?	
;	When tw
(%)	76,92%
on	90 secon
nmary	
pt?	
ers received	
ken to answer (seconds)	
ails	
	Answer
	√ □
	√ □
	X
	√ □
	√ □
	Х
	√ □

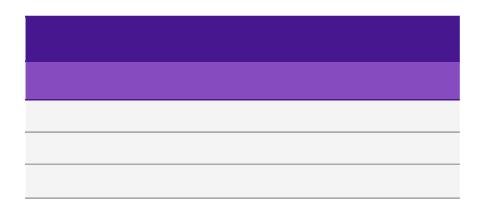
	√ □
	√ □
	Х
	√ □
	Х
ДД	√ Ω
	√ □
X X	√ □
	√ □
	Х
	Х
√□ ✓□	√ □
√ □	√ □
	√ □
√ □	√ □
	√ □



Distribution of electric charge around atoms	•
X	
0	
0,00	

	Score (p
When two atoms share electrons	1166
When two atoms share electrons	1172
	0
When two atoms share electrons	1483
When two atoms share electrons	987
	0
When two atoms share electrons	1153
When two atoms share electrons	1159
When two atoms share electrons	1496
When two atoms share electrons	1347

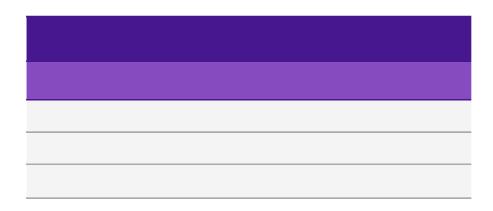
When two atoms share electrons	1482
When two atoms share electrons	1177
	0
When two atoms share electrons	1185
	0
When two atoms share electrons	1474
When two atoms share electrons	1494
When two atoms share electrons	1493
When two atoms share electrons	1458
	0
Occurs when there is an electronegativity difference between bonded atoms	0
When two atoms share electrons	1482
When two atoms share electrons	1497
When two atoms share electrons	1489
When two atoms share electrons	1184
When two atoms share electrons	1488



When two atoms share electrons	•
√ □	
20	
3,89	

ooints)	Current
	7588
	7682
	0
	10296
	5036
	3816
	6017
	7472
	10413
	7746

8873
7691
0
7565
8643
10230
8279
10397
10186
8549
4202
10379
10429
10333
7665
10276



When one atom transfers electrons to another	
X	
0	
0,00	

Total Score (points)	Answer ti
	6,1
	5
	90
	3
	2,3
	90
	8,4
	7,3
	0,7
	9,5

3,3
4,1
90
2,7
90
4,7
1
1,3
7,5
90
6,3
3,2
0,5
2
2,9
2,2

Occurs when there is an electronegativity difference
between bonded atoms X
1
6,30
me (seconds)

Electrone

9 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

Lindsey

Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
What is polarity?	
;	The distr
(%)	61,54%
n	90 secor
nmary	
	A
ot?	
vers received	
ken to answer (seconds)	
ails	
	Answer
	√ □
	X
	Х
	Х
	Х
	X
	X
	√ □
	√ 0
	√ □

Х
√ □
Х
√ □
√ □
Х
√ □
Х
√ □

ribution of electric charge around atoms or chemical groups

nds

Elements with similar electronegativites	•
X	
(
0,00)

	Score (p
The distribution of electric charge around atoms or chemical groups	1215
Elements with great differences in electronegativity	0
	0
Elements with great differences in electronegativity	0
Elements with great differences in electronegativity	0
	0
Elements with great differences in electronegativity	0
The distribution of electric charge around atoms or chemical groups	1254
The distribution of electric charge around atoms or chemical groups	1493
The distribution of electric charge around atoms or chemical groups	1447

Elements with great differences in electronegativity	0
The distribution of electric charge around atoms or chemical groups	1261
	0
The distribution of electric charge around atoms or chemical groups	1287
The distribution of electric charge around atoms or chemical groups	982
Elements with great differences in electronegativity	0
The distribution of electric charge around atoms or chemical groups	1491
Elements with great differences in electronegativity	0
The distribution of electric charge around atoms or chemical groups	1435
The distribution of electric charge around atoms or chemical groups	972
The distribution of electric charge around atoms or chemical groups	950
The distribution of electric charge around atoms or chemical groups	1481
The distribution of electric charge around atoms or chemical groups	1494
The distribution of electric charge around atoms or chemical groups	1466
The distribution of electric charge around atoms or chemical groups	1287
The distribution of electric charge around atoms or chemical groups	1487

The distribution of electric charge around atoms or	
chemical groups	
√□	
16	
5,61	

oints)	Current
	8803
	7682
	0
	10296
	5036
	3816
	6017
	8726
	11906
	9193
	.

8873
8952
0
8852
9625
10230
9770
10397
11621
9521
5152
11860
11923
11799
8952
11763

Elements with great differences in electronegativity	
X	
7	
8,69	

Total Score (points)	Answer ti
	15,3
	16,9
	90
	5,8
	6,5
	90
	18
	8,2
	1,3
	9,5

3,5
7,1
90
2,4
3,2
8
1,6
2,1
11,7
5
9
3,5
1,1
6,1
2,4
2,4

A group with the smallest value	
X	
	0
	0,00
me (seconds)	

Electrone

10 Quiz

Correct answers

Players correct (

Question duration

Answer Sun

Answer options

Is answer correct

Number of answ

Average time tal

Answer Deta

Players

Alec S

Ashley

Bubble Blasters

Camden

Chelsea

Dahlia

Ginaa

Liam

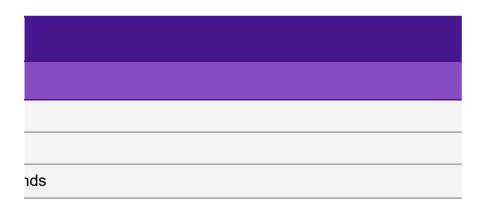
Lindsey

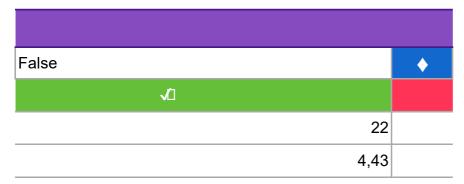
Macon

Max
Michael
Ok Boomer
Owen
Rhys
Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney

gativity (Block 5)	
Polarity is not measured by difference in electrone	gativity
;	False
(%)	84,62%
on	90 secon
nmary	
	A
xt?	
vers received	
ken to answer (seconds)	
ails	
	Answer
	√ □
	√ □
	Х
	√ □
	√1
	Х
	√ □
	√□
	√1 √1

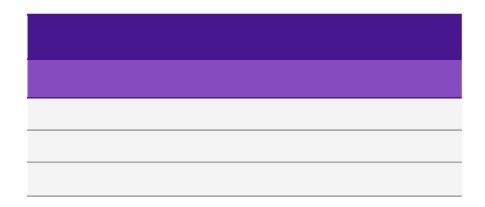
√ 0
√ 0
Х
√ ∆
√ 0
√ □
√ 0
√ Ω
√ □
√ □
Х
√ □
√ □
√ □
√ ∆
√ ∆





	Score (p
False	1382
False	986
	0
False	987
False	993
	0
False	989
False	1384
False	1494
False	1420

	000
False	992
False	1381
	0
False	1379
False	1039
False	979
False	1495
False	993
False	1472
False	987
True	0
False	1469
False	1495
False	1467
False	1396
False	1478





oints)	Current
	10185
	8668
	0
	11283
	6029
	3816
	7006
	10110
	13400
	10613

10 Quiz

9865
10333
0
10231
10664
11209
11265
11390
13093
10508
5152
13329
13418
13266
10348
13241

	-
Total Score (points)	Answer ti
Total Score (points)	Answer ti
Total Score (points)	
Total Score (points)	3,3
Total Score (points)	3,3 2,6
Total Score (points)	3,3 2,6 90
Total Score (points)	3,3 2,6 90 2,4
Total Score (points)	3,3 2,6 90 2,4 1,2
Total Score (points)	3,3 2,6 90 2,4 1,2 90
Total Score (points)	3,3 2,6 90 2,4 1,2 90 2

1,4
3,5
90
3,7
11
3,7
0,9
1,2
5
20,4
5,7
5,5
0,9
5,9
0,7
3,9

		_
ime (seconds)		
me (seconds)		
ime (seconds)		
ime (seconds)		
ime (seconds)		

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

1	Quiz
1	Quiz
2	Quiz

2	2 Quiz
2	2 Quiz

2	Quiz
2	Quiz
3	Quiz

3	Quiz
3	Quiz
4	Quiz

4	4 Quiz
4	4 Quiz

4 Quiz
4 Quiz
5 Quiz

5 Quiz
5 Quiz

Ę	5 Quiz
	5 Quiz
	5 Quiz
6	6 Quiz
(6 Quiz
6	6 Quiz
6	6 Quiz
(6 Quiz
6	6 Quiz
(6 Quiz

6 Quiz
6 Quiz
7 Quiz
7 Quiz
7 Quiz

7	Quiz
7	Quiz

7	' Quiz
7	' Quiz
8	3 Quiz

8	Quiz
8	Quiz

8	Quiz
9	Quiz

9	Quiz
9	Quiz
10	Quiz

1	0	Quiz
1	0	Quiz

10 Quiz
10 Quiz
10 Quiz
10 Quiz
10 Quiz

Question
What is Electronegativity?

What is Electronegativity?
What is Electronegativity?
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale

Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale
Electronegativity is measured using the Pauling Electronegativity Scale

Electronegativity is measured using the Pauling Electronegativity Scale
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In which direction does electronegativity trends increase?
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In which direction does electronegativity trends increase?
What law says that the attraction between protons and electrons increases when they are closer together?

What law says that the attraction between protons and electrons increases when they are closer together?

What law says that the attraction between protons and electrons increases when they are closer together?

What law says that the attraction between protons and electrons increases when they are closer together?

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Which has a HIGHER electronegativity?	
Which has a HIGHER electronegativity?	

Which has a HIGHER electronegativity?
Which has a HIGHER electronegativity?
Which has a HIGHER electronegativity?
Compounds formed between metals and nonmetals generally are?
Compounds formed between metals and nonmetals generally are?
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Compounds formed between metals and nonmetals generally are?
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What is ionic bonding?
What is ionic bonding?

What is ionic bonding?
What is ionic bonding?

What is ionic bonding?
What is ionic bonding?
What is covalent bonding?
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What is covalent bonding?
What is covalent bonding?

What is covalent bonding?
What is polarity?

What is polarity?
What is polarity?
Polarity is not measured by difference in electronegativity
Polarity is not measured by difference in electronegativity
Polarity is not measured by difference in electronegativity
Polarity is not measured by difference in electronegativity
Polarity is not measured by difference in electronegativity

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Polarity is not measured by difference in electronegativity

Answer 1	Answer 2
A measure of the tendency of an atom to attract a bonding pair of electrons	The complete transfer of valence electrons between atoms
A measure of the tendency of an atom to attract a bonding pair of electrons	The complete transfer of valence electrons between atoms
A measure of the tendency of an atom to attract a bonding pair of electrons	The complete transfer of valence electrons between atoms
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A measure of the tendency of an atom to attract a bonding pair of electrons	The complete transfer of valence electrons between atoms
A measure of the tendency of an atom to attract a bonding pair of electrons	The complete transfer of valence electrons between atoms
False	True

False	True
False	True

False	True
False	True
Down	Left to Right

Left to Right
Left to Right
Aristotle's Law

Aristotle's Law
Aristotle's Law

Boyle's Law	Aristotle's Law
Boyle's Law	Aristotle's Law
Metals	Nonmetals

Metals	Nonmetals
Metals	Nonmetals

Metals	Nonmetals
Metals	Nonmetals
Metals	Nonmetals
Atomic	Chemical

Atomic	Chemical
Atomic	Chemical
Any of a material's propertie that becomes evident during a reaction	A property that is measurable and whose value describes its state
Any of a material's propertie that becomes evident during a reaction	A property that is measurable and whose value describes its state
Any of a material's propertie that becomes evident during a reaction	A property that is measurable and whose value describes its state

Any of a material's propertie that becomes evident during a reaction	A property that is measurable and whose value describes its state
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Distribution of electric charge around atoms	When two atoms share electrons
Distribution of electric charge around atoms	When two atoms share electrons
Distribution of electric charge around atoms	When two atoms share electrons

Distribution of electric charge around atoms	When two atoms share electrons
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
Elements with similar electronegativites	The distribution of electric charge around atoms or chemical groups
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The distribution of electric charge around atoms or chemical groups
The distribution of electric charge around atoms or chemical groups
The distribution of electric charge around atoms or chemical groups
The distribution of electric charge around atoms or chemical groups
True

False	True
False	True

False	True
False	True

Answer 3	Answer 4
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
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The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
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The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances

The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
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The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
The attraction between an electron and the nucleus in any atom	A process where one or more substances are altered into new substances
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Coulomb's Law	Democritus' Law

Coulomb's Law	Democritus' Law
Coulomb's Law	Democritus' Law

Coulomb's Law	Democritus' Law
Coulomb's Law	Democritus' Law

Metallic	Ionic
Metallic	Ionic

Metallic	Ionic
Metallic	Ionic
When one atom transfers electrons to another	
When one atom transfers electrons to another	
When one atom transfers electrons to another	

When one atom transfers electrons to another	
When one atom transfers electrons to another	
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When one atom transfers electrons to another	
When one atom transfers electrons to another	
When one atom transfers electrons to another	
When one atom transfers electrons to another	
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
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When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
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When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms

When one atom transfers electrons to another	Occurs when there is an electronegativity difference between bonded atoms
Elements with great differences in electronegativity	A group with the smallest value
Elements with great differences in electronegativity	A group with the smallest value
Elements with great differences in electronegativity	A group with the smallest value
Elements with great differences in electronegativity	A group with the smallest value
Elements with great differences in electronegativity	A group with the smallest value
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Elements with great differences in electronegativity	A group with the smallest value
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Elements with great differences in electronegativity	A group with the smallest value
Elements with great differences in electronegativity	A group with the smallest value

Correct Answers	Time Allotted to Answer (seconds)
A measure of the tendency of an atom to attract a bonding pair of electrons	90
A measure of the tendency of an atom to attract a bonding pair of electrons	90
A measure of the tendency of an atom to attract a bonding pair of electrons	90
A measure of the tendency of an atom to attract a bonding pair of electrons	90
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A measure of the tendency of an atom to attract a bonding pair of electrons	90
True	90

True 90 True 90		
True 90	True	90
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True 90	True	90
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True 90 True 90 True 90 True 90 True 90 True 90	True	90
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	True	90
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	True	90

True	90
True	90
Left to Right	90

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Coulomb's Law 96 Coulomb's Law 96		
Coulomb's Law 96	Coulomb's Law	90
Coulomb's Law 96	Coulomb's Law	90
Coulomb's Law 90	Coulomb's Law	90
Coulomb's Law 99	Coulomb's Law	90
Coulomb's Law 90 Coulomb's Law	Coulomb's Law	90
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Nonmetals	90
Nonmetals	90

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	When one atom transfers electrons to another	90

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When two atoms share electrons	90
The distribution of electric charge around atoms or chemical groups	90
The distribution of electric charge around atoms or chemical groups	90
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The distribution of electric charge around atoms or chemical groups	90
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The distribution of electric charge around atoms or chemical groups	90
The distribution of electric charge around atoms or chemical groups	90
False	90

False	90
False	90

False	90
False	90

Players
Alec S
Ashley
Bubble Blasters
Camden
Chelsea
Dahlia
Ginaa
Liam
Lindsey
Macon
Max
Michael
Ok Boomer
Owen
Rhys

Shane
david
jason
julia
kate
maddie
mason
mckenna
ok boomer
sebastian
sydney
Alec S
Ashley
Bubble Blasters
Camden
Chelsea

Dahlia
Ginaa
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Macon
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Ok Boomer
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sydney

Answer	Correct / Incorrect	Correct
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
	Incorrect	0
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
The attraction between an electron and the nucleus in any atom	Incorrect	0
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
	Incorrect	0
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1

A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
A measure of the tendency of an atom to attract a bonding pair of electrons	Correct	1
True	Correct	1
True	Correct	1
	Incorrect	0
True	Correct	1
True	Correct	1

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

Correct	1
Correct	1
Incorrect	0
Correct	1
Incorrect	0
Incorrect	0
Correct	1
Correct	1
Correct	1
Incorrect	0
Correct	1
	Correct Correct Correct Correct Correct Incorrect Incorrect Correct Correct Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect Incorrect

Left to Right	Correct	1
	Incorrect	0
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Down	Incorrect	0
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Left to Right	Correct	1
Coulomb's Law	Correct	1

Coulomb's Law	Correct	1
	Incorrect	0
Coulomb's Law	Correct	1
	Incorrect	0
Coulomb's Law	Correct	1

Coulomb's Law	Correct	1
Coulomb's Law	Correct	1
Metals	Incorrect	0
Metals	Incorrect	0
	Incorrect	0
Nonmetals	Correct	1
Metals	Incorrect	0
Metals	Incorrect	0
Metals	Incorrect	0

Metals	Incorrect	0
Nonmetals	Correct	1
Nonmetals	Correct	1
Nonmetals	Correct	1
Metals	Incorrect	0
	Incorrect	0
Metals	Incorrect	0
Nonmetals	Correct	1

Correct	1
Incorrect	0
Correct	1
Correct	1
Correct	1
Incorrect	0
Correct	1
Incorrect	0
	Incorrect Correct Correct Incorrect Correct Correct

lonic	Correct	1
lonic	Correct	1
lonic	Correct	1
Ionic	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
	Incorrect	0

When one atom transfers electrons to another	Correct	1
A property that is measurable and whose value describes its state	Incorrect	0
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
	Incorrect	0
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
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When one atom transfers electrons to another	Correct	1
A property that is measurable and whose value describes its state	Incorrect	0
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When one atom transfers electrons to another	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
	Incorrect	0
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
	Incorrect	0
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
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When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
	Incorrect	0
When two atoms share electrons	Correct	1
	Incorrect	0
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
	Incorrect	0
Occurs when there is an electronegativity difference between bonded atoms	Incorrect	0
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
When two atoms share electrons	Correct	1
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Correct	1
Correct	1
Incorrect	0
Correct	1
Correct	1
Correct	1
Incorrect	0
Correct	1
Incorrect	0
Correct	1
Correct	1
	Correct Incorrect Incorrect Incorrect Incorrect Incorrect Correct Correct Correct Incorrect Correct Correct Correct Correct Correct Correct

j.		
Elements with great differences in electronegativity	Incorrect	0
The distribution of electric charge around atoms or chemical groups	Correct	1
Elements with great differences in electronegativity	Incorrect	0
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
The distribution of electric charge around atoms or chemical groups	Correct	1
False	Correct	1
False	Correct	1
	Incorrect	0
False	Correct	1
False	Correct	1

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

False	Correct	1
False	Correct	1

Incorrect	Score (points)	Score without Answer Streak Bonus (points)
0	924	924
0	966	966
1	0	0
0	966	966
0	981	981
0	887	887
0	931	931
0	907	907
0	984	984
0	960	960
1	0	0
0	973	973
1	0	0
0	908	908
0	938	938

0	964	964
0	906	906
0	987	987
0	943	943
0	933	933
0	967	967
0	986	986
0	985	985
0	955	955
0	946	946
0	948	948
0	1054	954
0	1062	962
1	0	0
0	1069	969
0	1093	993

1	0	0
1	0	0
0	1071	971
0	1092	992
0	1070	970
0	992	992
0	1087	987
1	0	0
0	1041	941
0	1091	991
0	1074	974
1	0	0
0	1094	994
0	1078	978
0	1058	958
1	0	0

0	1082	982
0	1085	985
0	1077	977
0	1093	993
0	1092	992
0	1183	983
0	1188	988
1	0	0
0	1192	992
1	0	0
1	0	0
0	931	931
0	1123	923
0	1191	991
1	0	0
0	1084	984

0	1173	973
1	0	0
0	1137	937
0	1140	940
0	1176	976
0	985	985
0	1191	991
0	1155	955
0	1134	934
1	0	0
0	1189	989
0	1196	996
0	1186	986
0	1184	984
0	1152	952
0	1280	980

0	1288	988
1	0	0
0	1292	992
0	988	988
0	986	986
0	1091	991
0	1269	969
0	1291	991
0	973	973
0	1188	988
0	1282	982
1	0	0
0	1287	987
0	1282	982
0	1284	984
0	1087	987

0	1293	993
0	1284	984
0	1251	951
0	987	987
0	1292	992
0	1290	990
0	1278	978
0	1283	983
0	1282	982
1	0	0
1	0	0
1	0	0
0	1364	964
1	0	0
1	0	0
1	0	0

1	0	0
0	1379	979
0	1072	972
0	1284	984
1	0	0
1	0	0
1	0	0
0	1339	939
0	1363	963
0	1175	975
0	1395	995
0	1375	975
0	1337	937
0	1076	976
0	1385	985
0	1383	983

986	1386	0
0	0	1
988	1388	0
979	979	0
987	987	0
0	0	1
989	1489	0
987	987	0
936	936	0
920	920	0
957	957	0
983	1483	0
927	1127	0
962	1362	0
984	984	0
0	0	1

0	983	983
0	1441	941
0	1464	964
0	1256	956
0	1463	963
0	1444	944
0	1432	932
0	1172	972
0	1481	981
0	1497	997
0	1488	988
0	964	964
0	1466	966
0	1002	902
0	1019	919
1	0	0

0	1441	941
1	0	0
0	1007	907
0	991	891
0	986	886
0	1497	997
0	1197	897
0	1481	981
0	1015	915
1	0	0
0	1024	924
0	1412	912
0	1431	931
0	1376	976
0	1481	981
0	1449	949

0	1404	904
1	0	0
0	1482	982
0	1496	996
0	1474	974
0	1011	911
0	1460	960
0	1166	966
0	1172	972
1	0	0
0	1483	983
0	987	987
1	0	0
0	1153	953
0	1159	959
0	1496	996

0	1347	947
0	1482	982
0	1177	977
1	0	0
0	1185	985
1	0	0
0	1474	974
0	1494	994
0	1493	993
0	1458	958
1	0	0
1	0	0
0	1482	982
0	1497	997
0	1489	989
0	1184	984

0	1488	988
0	1215	915
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
1	0	0
0	1254	954
0	1493	993
0	1447	947
1	0	0
0	1261	961
1	0	0
0	1287	987
0	982	982

0	0	1
991	1491	0
0	0	1
935	1435	0
972	972	0
950	950	0
981	1481	0
994	1494	0
966	1466	0
987	1287	0
987	1487	0
982	1382	0
986	986	0
0	0	1
987	987	0
993	993	0

1	0	0
0	989	989
0	1384	984
0	1494	994
0	1420	920
0	992	992
0	1381	981
1	0	0
0	1379	979
0	1039	939
0	979	979
0	1495	995
0	993	993
0	1472	972
0	987	887
1	0	0

0	1469	969
0	1495	995
0	1467	967
0	1396	996
0	1478	978

Current Total Score (points)	Answer Time (%)
924	15.22%
966	6.78%
0	100.00%
966	6.89%
981	3.78%
887	22.56%
931	13.89%
907	18.67%
984	3.22%
960	8.00%
0	2.33%
973	5.33%
0	100.00%
908	18.44%
938	12.33%

964	7.11%
906	18.78%
987	2.67%
943	11.44%
933	13.44%
967	6.56%
986	2.78%
985	3.00%
955	9.00%
946	10.78%
948	10.33%
1978	9.11%
2028	7.67%
0	100.00%
2035	6.11%
2074	1.44%

887	100.00%
931	100.00%
1978	5.78%
2076	1.56%
2030	6.00%
992	1.56%
2060	2.56%
0	100.00%
1949	11.89%
2029	1.89%
2038	5.22%
906	100.00%
2081	1.22%
2021	4.44%
1991	8.44%
967	4.89%

2068	3.67%
2070	3.00%
2032	4.56%
2039	1.44%
2040	1.67%
3161	3.44%
3216	2.33%
0	100.00%
3227	1.56%
2074	8.22%
887	28.33%
1862	13.89%
3101	15.44%
3267	1.89%
2030	100.00%
2076	3.22%

3233	5.44%
0	100.00%
3086	12.67%
3169	12.00%
3214	4.78%
1891	3.00%
3272	1.78%
3176	9.00%
3125	13.11%
967	6.89%
3257	2.22%
3266	0.78%
3218	2.78%
3223	3.11%
3192	9.56%
4441	4.00%

4504	2.44%
0	100.00%
4519	1.56%
3062	2.33%
1873	2.89%
2953	1.78%
4370	6.22%
4558	1.78%
3003	5.44%
3264	2.33%
4515	3.67%
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4373	2.67%
4451	3.56%
4498	3.11%
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4370	6.44%
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4373	15.33%
5790	12.22%
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5713	12.56%
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7372	2.22%
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2809	12.89%
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7420	3.33%
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5356	3.44%
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7325	7.11%
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7423	7.44%
7279	11.22%
7145	13.67%
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7436	0.56%
7370	2.44%
5470	7.11%
7328	6.89%
6422	19.67%
6510	16.22%
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8813	11.78%
4049	5.67%
3816	18.56%
4864	21.89%
6313	22.78%
8917	0.67%
6399	20.56%
7391	3.89%
6514	17.00%
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6380	15.22%
8643	17.67%
8756	13.78%
6785	4.89%
8904	3.89%
8728	10.22%

8549	19.11%
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8897	3.56%
8932	0.78%
8844	5.11%
6481	17.89%
8788	8.00%
7588	6.78%
7682	5.56%
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10296	3.33%
5036	2.56%
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7746	10.56%
8873	3.67%
7691	4.56%
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7565	3.00%
8643	100.00%
10230	5.22%
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10230	8.89%
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11923	1.22%
11799	6.78%
8952	2.67%
11763	2.67%
10185	3.67%
8668	2.89%
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11283	2.67%
6029	1.33%

3816	100.00%
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10110	3.11%
13400	1.22%
10613	16.00%
9865	1.56%
10333	3.89%
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10231	4.11%
10664	12.22%
11209	4.11%
11265	1.00%
11390	1.33%
13093	5.56%
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13329	6.11%
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Answer Time (seconds)	
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