

Tuesday Maths – Tuesday 16th June

Starter

Mild	Spicy	Hot
$1854 - 346 =$	$\begin{array}{r} 6471 \\ - 6\boxed{9} \\ \hline 5782 \end{array}$	$\begin{array}{r} 85\boxed{4} \\ - \boxed{0}\boxed{7} \\ \hline 7877 \end{array}$
$804 + 1864 =$	$\begin{array}{r} 7637 \\ + 1\boxed{9} \\ \hline 7776 \end{array}$	$\begin{array}{r} 44\boxed{5} \\ + \boxed{6}\boxed{0} \\ \hline 4690 \end{array}$
$104 \times 4 =$	$458 \times 6 =$	$\begin{array}{r} 6__3 \\ \times ___ \\ \hline 1899 \end{array}$
$429 \div 3 =$	$328 \div 4$	$3801 \div 7 =$
$\frac{1}{2} = \frac{\boxed{}}{6}$	$\frac{1}{3} = \frac{\boxed{}}{12}$	$\frac{1}{4} = \frac{4}{\boxed{}}$

Compare decimals

1 Write < or > to compare the decimals.

a)

O	Tths	Hths
	0.5 0.5	0.05 0.05 0.05 0.05

O	Tths	Hths
	0.5 0.5 0.5	0.05 0.05 0.05 0.05 0.05

b)

O	Tths	Hths
1 1 1	0.5	0.05 0.05 0.05 0.05 0.05

O	Tths	Hths
1 1 1	0.5 0.5 0.5	0.05 0.05 0.05 0.05 0.05 0.05

c)

O	Tths	Hths
1 1 1	0.5	0.05 0.05 0.05 0.05 0.05 0.05

O	Tths	Hths
1 1	0.5 0.5	0.05 0.05 0.05 0.05 0.05

d)

O	Tths	Hths
1 1	0.5 0.5	0.05 0.05 0.05 0.05 0.05 0.05

O	Tths	Hths
1 1	0.5 0.5	0.05 0.05 0.05 0.05 0.05

Did you have to compare all the columns for every question?



2 Draw counters to make the statements correct.

a)

O	Tths	Hths
1 1 1	0.5	0.05 0.05 0.05 0.05

 <

O	Tths	Hths

b)

O	Tths	Hths
1 1 1	0.5	0.05 0.05 0.05 0.05

 >

O	Tths	Hths
1 1 1		



3 Write < or > to compare the decimals.

a)

O	Tths	Hths
7	6	8

O	Tths	Hths
7	0	2

b)

O	Tths	Hths
3	2	5

O	Tths	Hths
3	9	6

c)

O	Tths	Hths
0	4	1

O	Tths	Hths
0	2	9

d)

O	Tths	Hths
1	0	3

O	Tths	Hths
1	2	0

e)

O	Tths	Hths
2	7	2

O	Tths	Hths
2	7	1

4 Complete the place value charts to make the statements correct.

a)

O	Tths	Hths
6	2	8

 <

O	Tths	Hths

b)

O	Tths	Hths
3	2	6

 >

O	Tths	Hths
3		

c)

O	Tths	Hths
9	9	8

 <

O	Tths	Hths

d)

O	Tths	Hths
1	4	6

 >

O	Tths	Hths
	8	

- 5 Ron and Amir have each made a number using counters on a place value chart.

Ron's looks like this:



Amir's looks like this:



My number is greater than Amir's, because I have used twice as many counters.



Do you agree with Ron? _____

Explain your reasoning.

- 6 Draw exactly 8 counters in each chart to represent a number that matches each statement.

- a) a number less than 0.76



- b) a number more than 5.74



- c) a number between 5.13 and 5.29



How many different answers are there for each statement?

- 7 Write < or > to compare the numbers.

- a) $3.2 \bigcirc 3.8$ c) $1 \bigcirc 0.99$
 b) $1.46 \bigcirc 1.43$ d) $0.16 \bigcirc 0.8$

- 8 Fill in the missing digits to make the statements correct.

- a) $0.34 < 0.3_$ d) $1.3_ < 1.3_$
 b) $2.42 > 2.4_$ e) $2._2 > 2._2$
 c) $0.74 < 0._2$ f) $0.8_ < 0._9$

Is there more than one answer for each?

- 9 Here are four digit cards.



Use each digit card once to make this statement correct.

$$\square \cdot \square > \square \cdot \square$$

How many possible answers are there?



Answers

Mild	Spicy	Hot
1508	8	7, 8, 7
2668	3	2, 2, 5
416	452	$\begin{array}{r} 633 \\ \times \quad 3 \\ \hline 1899 \end{array}$
143	82	543
3/6	4/12	4/16

Compare decimals

1 Write < or > to compare the decimals.

a)

0	Tths	Hths
	0	0

 <

0	Tths	Hths
	0	0

b)

0	Tths	Hths
0	0	0

 <

0	Tths	Hths
0	0	0

c)

0	Tths	Hths
0	0	0

 >

0	Tths	Hths
0	0	0

d)

0	Tths	Hths
0	0	0

 >

0	Tths	Hths
0	0	0

Did you have to compare all the columns for every question?

2 Draw counters to make the statements correct. e.g.

a)

0	Tths	Hths
0	0	0

 <

0	Tths	Hths
0	0	0

b)

0	Tths	Hths
0	0	0

 >

0	Tths	Hths
0	0	0

3 Write < or > to compare the decimals.

a)

0	Tths	Hths
7	6	8

 >

0	Tths	Hths
7	0	2

b)

0	Tths	Hths
3	2	5

 <

0	Tths	Hths
3	9	6

c)

0	Tths	Hths
0	4	1

 >

0	Tths	Hths
0	2	9

d)

0	Tths	Hths
1	0	3

 <

0	Tths	Hths
1	2	0

e)

0	Tths	Hths
2	7	2

 >

0	Tths	Hths
2	7	1

4 Complete the place value charts to make the statements correct. e.g.

a)

0	Tths	Hths
6	2	8

 <

0	Tths	Hths
6	2	9

b)

0	Tths	Hths
3	2	6

 >

0	Tths	Hths
3	2	5

c)

0	Tths	Hths
9	9	8

 <

0	Tths	Hths
9	9	9

d)

0	Tths	Hths
1	4	6

 >

0	Tths	Hths
0	8	9

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- 5 Ron and Amir have each made a number using counters on a place value chart.

Ron's looks like this:



Amir's looks like this:



My number is greater than Amir's, because I have used twice as many counters.



Do you agree with Ron? no

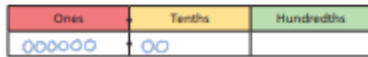
Explain your reasoning.

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 b) $1.46 > 1.43$ d) $0.16 < 0.8$

- 8 Fill in the missing digits to make the statements correct. e.g.

- a) $0.34 < 0.3\underline{5}$ d) $1.3\underline{1} < 1.3\underline{8}$
 b) $2.42 > 2.4\underline{1}$ e) $2.\underline{9}2 > 2.\underline{3}2$
 c) $0.74 < 0.\underline{8}2$ f) $0.8\underline{5} < 0.\underline{9}9$

Is there more than one answer for each?

- 9 Here are four digit cards.



Use each digit card once to make this statement correct.

e.g. $7.0 > 3.1$

How many possible answers are there?

