Maths answers 18.5.20

Monday

Complete the divisions.

a) 37 ÷ 10 = 3·7

b) 11 ÷ 10 = 1·1

c) 48 ÷ 10 = 4·8

d) 99 ÷ 10 = 9·9

e) 80 ÷ 10 = 8

f) 2·9 = 29 ÷ 10

g) 63 ÷ 10 = 6.3

h) 3.9 = 39 ÷ 10

Complete the calculations.

a) 3 ÷ 100 = 0·03

b) 90 ÷ 100 = 0·9

c) 0·05 = 5 ÷ 100

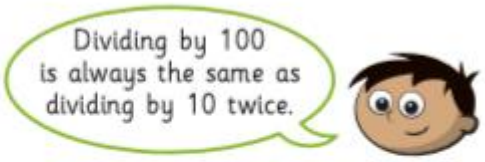
d) 0·6 = 60 ÷ 100

e) 50 ÷ 100 = 0.5

f) 0.02 = 2 ÷ 100

Challenge:

9



Do you agree with Amir? Yes

Explain your answer.

Children could use their place value charts to help them explain this answer or they could use their knowledge of their ten times tables.

Tuesday

a)

O	Tths	Hths		O	Tths	Hths
7	6	8	>	7	0	2

b)

O	Tths	Hths		O	Tths	Hths
3	2	5	<	3	9	6

c)

O	Tths	Hths		O	Tths	Hths
0	4	1	>	0	2	9

d)

O	Tths	Hths		O	Tths	Hths
1	0	3	<	1	2	0

e)

O	Tths	Hths		O	Tths	Hths
2	7	2	>	2	7	1

For the next set of questions, there could have been a lot of different answers. There are some examples shown below, but as long as the numbers correspond with the biggest number with the open part and the smallest number being the smallest part of < >, then they are correct.

a)

O	Tths	Hths
6	2	8

<

O	Tths	Hths
6	2	9

b)

O	Tths	Hths
3	2	6

>

O	Tths	Hths
3	2	5

c)

O	Tths	Hths
9	9	8

<

O	Tths	Hths
9	9	9

d)

O	Tths	Hths
1	4	6

>

O	Tths	Hths
0	8	9

Challenge:

Again, there could be many answers here but as long as the > corresponds with the smallest number being at the point and the biggest number being at the opening and only the numbers within the cards used, then they are correct.

Here are four digit cards.

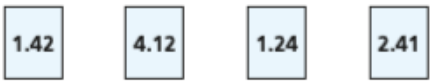
Use each digit card once to make this statement correct.

e.g. 7 . 0 > 3 . 1

How many possible answers are there?

Wednesday

3 Write the numbers in descending order.



4.12, 2.41, 1.42, 1.24

4 Teddy's teacher asks him to put some numbers in ascending order.

Here is his answer.

0.64	12.7	2.83

Do you agree with Teddy? No

Talk about it with a partner.

7 Write the numbers in ascending order.

a) 2.38 0.97 1.45 1.81

0·97, 1·45, 1·81, 2·38

b) 0.64 0.7 0.09 0.46

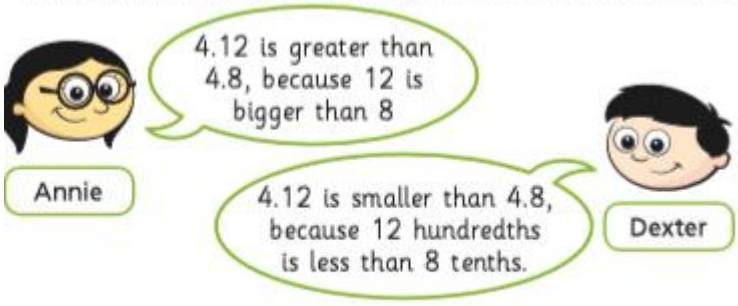
0·09, 0·46, 0·64, 0·7

c) 12.3 2 7.83 0.99

0·99, 2, 7·83, 12·3

Challenge:

Annie and Dexter are comparing the decimals 4.12 and 4.8



Who do you agree with? Dexter

Explain your answer.

Dexter is correct because .8 is the same as .80 and .12 is smaller than .80. Children could have used their place value charts to answer this question.

Thursday

7 Which numbers **round up** to the nearest whole number?

Circle your answers.

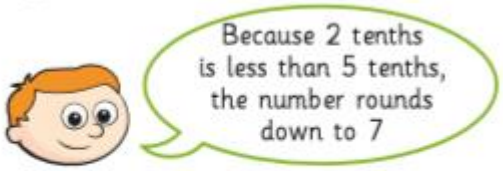
4.1 2.8 0.7 12.3 0.5 99.3

8 Round each decimal to the nearest whole number.

a) 1.8	2	e) 13.7	14
b) 4.2	4	f) 20.1	20
c) 0.9	1	g) 0.4	0
d) 1.5	2	h) 99.8	100

Challenge:

Ron is rounding 8.2 to the nearest whole number.



Do you agree with Ron? No

Explain your answer.

No, because we do not 'round down'. We only either keep the number the same or round up. So Ron should have had 8.2 rounded to the nearest whole number is 8.