Revision 4	Date	Topic
	wk beg. 24.05.21	Decimals

Time: 30 mins

Numbers in blue denote total mark awarded for each question.

Total mark: / 32

1. Complete the table below:

Percentage	Decimal	Fraction (in most simple form)
a. 25%		
b.	0.4	
c.		¾
d.	0.3	
e. 80%		
f.		$\frac{1}{3}$

6

2. Copy and complete each sequence:

a. 2.2 , 1.8 , 1.4 , ___, ___ , ___

b. 1.5 , 1.51 , ___, ___, ___, 1.55

c. 6.48 , 6.43 , ___ , 6.33 , ___ , ___

3

3. Write the correct symbol < or > between each set of numbers:

a. 3.6 3 $\frac{61}{100}$

b. 8 $\frac{7}{10}$ 8 $\frac{49}{100}$

c. $\frac{13}{100}$ 1

3

4. Order these numbers starting with the *largest:*

a. $3\frac{1}{10}$ 3.3 3 2.9

b. 2.12 $2\frac{45}{100}$ 2.9 $2\frac{57}{100}$

c. 4.8 $4\frac{9}{10}$ 4.75 $4\frac{34}{100}$ 3

5. Round the following numbers to the nearest tenth:

a. 9.36

b. 0.99

c. 5.51 3

6. Look at the three calculations below.

2.4 x 20 = 48	**47 x 1.8 = 84.6**	**8.9 x 1.2 = 10.68**

Use these to help you complete the calculations below:

a. 24 x 20 =
b. 4.7 x 1.8 =
c. 0.89 x 1.2 = 3

7. Look at the multiplication below.

36 x 27.2 = 979.2

Use this multiplication to help you do the calculation below.

3.6 x 27.2 = 1

8. Find the difference in cost between six pizzas at £3.16 each and four lasagnes at £4.01 each.

1

9. Work out the change you would get from £20 after spending £8.30 and £4.82.

1

10. Simon uses his calculator to carry out this calculation:

564 x 3.4 = 1 917. 6

Look at the calculations below. Circle TWO calculations that give the answer 1 917.6

56.4 x 34 =

564 x 34 =

5.64 x 340 =

56.4 x 3.4 =

5640 x 3.4 =

2

11. Dave bought 4 items in a supermarket. His receipt is shown below.

cheese	
ham	£1.19
bread	£0.95
juice	£3.18
total	**£7. 28**

The price of the cheese has not printed out. How much was the cheese?

Give your answer in £.

1

12. Sugar costs £1.14 per kilogram.

a. Find the cost of 4 kilograms. GIVE YOUR ANSWER IN £.

b. Find the cost of 4.5 kilograms. GIVE YOUR ANSWER IN £.

2

13. Look at the numbers below.

3.7 **4.12** **$4\frac{1}{10}$** **$4\frac{81}{100}$**

a. Multiply the smallest number by 10.

b. Divide the largest number by 100.

2

14. Complete the calculation below by writing the correct **decimal number** in the box.

☐ x 7 = 48. 3

1