Revision 2	Date	Topic
	wk beg. 10.05.21	Percentages & percentage reduction

Time: 30 mins

Numbers in blue denote total mark awarded for each question.

Total mark: / 30

1. Complete the table below:

	Percentage	Fraction (in most simple form)
a.		7/ 10
b.	50%	
c.		1/ 3
d.	80%	
e.		3/ 10
f.	10%	

6

2. Find 20 % of 50.

1

3. Find 25 % of 48.

1

4. Find 60 % of 45.

1

5. Reduce 20 by 25%.

25% of 20 =

20 – answer =

1

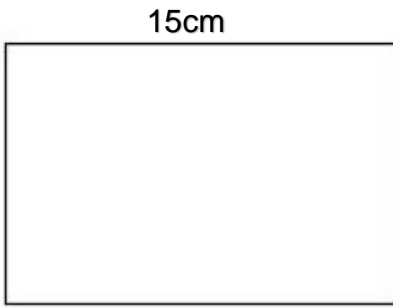6. Reduce 50 by 10%.

10% of 50=

50 – answer=

1

7. Reduce 35 by 80%.

1

8. Reduce 45 by 40%.

1

9. The length of a rectangle is 15cm. Its width is 33 1/3% of its length. Find the width.

15cm

1

10. Use your measurements to find the perimeter AND area of the rectangle above. REMEMBER TO INCLUDE UNITS OF MEASRUEMENT IN YOUR ANSWER.

2

11. Find the difference between 80% of 55 and 25% of 16.

2

12. Write a number in the space below that makes the statement true.

20 is   % of 80.

1

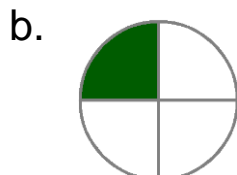13. What percentage of an hour is 20 minutes?

1

14. On Monday, Amber runs 1 mile in 15 minutes. On Tuesday, she runs 1 mile in 20% of the time. How long does it take Amber to run 1 mile on Tuesday?

1

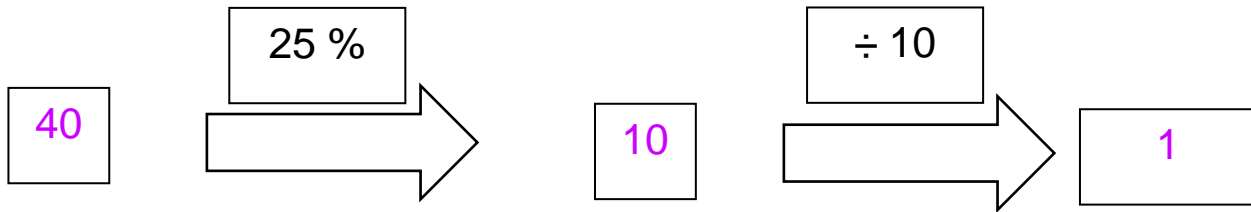15. In a group of 250 people 70% are male. How many men are in the group?

1

16. Look at the shapes below. Circle the shape that shows 75%?

a.   b.   c.   d.

1

17. Look at the function machine below. An example has been done for you.

| 40 | → 25 % → | 10 | → ÷ 10 → | 1 |

Complete the table below:

IN	OUT
80	
1 600	
	6
	30

4

18. In a shop there is a 20% sale on all items. Complete the table below by writing in the price of the items after they have been reduced by 20%. Use the space below to show your working out.

Item	Price	Sale Price
T- Shirt	£15	£
Jeans	£35	£
Trainers	£75	£

3