Revision 1	Date	Topic
	wk beg. 03.05.21	Percentages

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.	75 %	
b.		1/ 5
c.	30 %	
d.		1/ 4
e.	40 %	
f.		3 / 5

6

2. Find 25 % of 48.

1

3. Find 75 % of 36.

1

4. Find 40 % of 35.

1

5. Find 80 % of 75.

1

6. Find 33 1/3 % of 27.

1

7. Find 60 % of 85.

1

8. Find 90 % of 250.

1

9. In a class of 30 children, 60% are girls. How many girls are there in the class?

1

10. In a group of 60 children, 25 % have blue eyes, 40% have brown eyes and the rest have green eyes. What percentage of children have green eyes?

1

11. Using the information above complete the following table:

You can use the space underneath the table to show your working out.

Eye Colour	Children
Blue	
Green	
Brown	

3

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

80 is   % of 160.

1

13. A jam donut weighs 75g. Only 40 % of its weight is jam. How many grams of jam are in one jam donut?
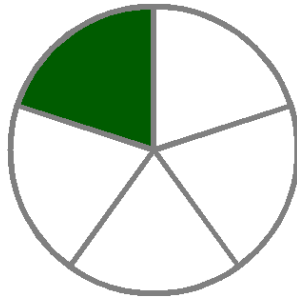
1

14. Using the information above, calculate how many grams of jam would be in 45 jam donuts. GIVE YOUR ANSWER IN KILIOGRAMS & GRAMS.
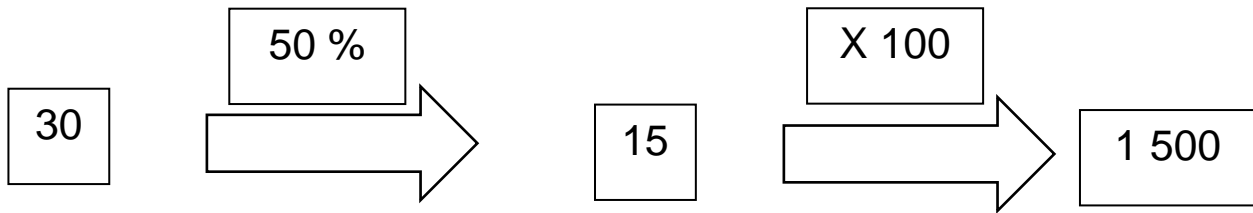
1

15. A video game costs £35. Amy pays 60 % of the full price. Tom pays the remaining balance of the video game. How much does Tom pay?

1

16. Look at the shape below. What percentage of the shape is shaded?

1

17. Look at the function machine example below.

| 30 | 50 % → | 15 | X 100 → | 1 500 |

Complete the table below:

IN	OUT
10	
36	
	400
	800

4

18. Use the information in the first statement below to complete the other statement.

50 % of *a* = 30.

20 % of *a* =

1

19. Look at the list of fractions and percentages below.

50 %   ¼   75 %   1/3   1/5

Write the percentage OR fraction that equals the LOWEST percentage:

1

20. In a survey 34 % of people voted against wearing school uniform. If 150 people voted how many people voted against wearing a school uniform?

1