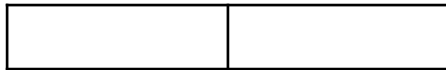


Name _____

- 1** Work out the calculations.
You may use the bar models to help you.

$\frac{1}{2}$ of 60



_____ 30

1 mark

$\frac{3}{5}$ of 25



15 (2 marks)
Award 1 mark for $\frac{1}{5} = 5$

2 marks

$\frac{5}{6}$ of 24



20 (2 marks)
Award 1 mark for $\frac{1}{6} = 4$

2 marks

- 2** Whitney has £12 pocket money.
She spends 50% of her pocket money on magazines.
She spends $33\frac{1}{3}\%$ of her pocket money on apps.
How much pocket money does she have left?
Show the steps in your working.

£2 (3 marks)

Award 1 mark each for $50\% = £6$ and $33\frac{1}{3}\% = £4$

3 marks

- 3** Dexter is thinking of a number.
One third of Dexter's number is 12
What number is Dexter thinking of?

_____ 36

1 mark

- Alex is also thinking of a number.
Two thirds of Alex's number is 6
What number is Alex thinking of?

9 (2 marks)

Award 1 mark for $\frac{1}{3} = 3$

2 marks

4 Work out 35% of 80

28 (2 marks)

Award 1 mark for correct full method with one arithmetical error

Tick the cards that show the keys to press to work out 35% of 80 on a calculator.

1 mark each, deduct earned marks if extras

$35 \times 80 =$

$0.35 \div 80$

$0.35 \times 80 =$

$80 \times 0.35 =$

5 Match the cards of equal value.

$\frac{3}{5}$ of 20

25% of 300

$\frac{9}{10}$ of 20

50% of 36

$\frac{3}{4}$ of 100

$66\frac{2}{3}\%$ of 90

$\frac{5}{6}$ of 72

30% of 40

1 mark for 2 correct

6 Teddy works out 4% of £23.89 on his calculator. The calculator shows:

0.9556

Write down the value of 4% of £23.89 correct to the nearest penny.

£0.96 or 96 p (must have units, do not accept £0.96p)

2 marks

7 Which of the cards is greater in value? Justify your answer.

140% of 90

$\frac{11}{5}$ of 60

e.g. $\frac{11}{5}$ of 60 = 132 > 140% of 90 = 126

2 marks

8 Work out $66\frac{2}{3}\%$ of $\frac{9}{7}$ of £420

H

360

2 marks

Total marks

1 mark

1 mark

1 mark