GCSE HIGHER · REVISION MAT 4

Fractions and percentages of amounts

1 Find $\frac{4}{9}$ of 63.

2 Find 2.5% of 640.

3 Which is bigger,
30% of 70 or 70% of 30?

Explain.

4 A target is £2400.

$\frac{5}{8}$ is raised in week 1 and 20% in week 2.

How much more is needed?

5 Show that 120% of 45 is 54.

6 A recipe for 4 people uses 300 g of flour.

$\frac{1}{3}$ of the flour is wholemeal.

How much wholemeal flour is needed for 6 people?

7 Show that $\frac{3}{5}$ of 25% of 160 is 24.

8 Tom gives $\frac{1}{4}$ of his sweets to Amy and 30% of the rest to Ben.

He has 42 left.

How many did he start with?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 4

Fractions and percentages of amounts

1 **28**

2 10% = 64, 2.5% = 16

16

3 Both equal 21.

Neither: 0.3 × 70 = 0.7 × 30

4 1500 + 480 = 1980

£420

5 1.2 × 45

= 54

6 Flour for 6: 450 g

150 g

7 25% of 160 = 40

$\frac{3}{5}$ **× 40 = 24**

8 Left: $\frac{3}{4}$ × 0.7 = 0.525

42 ÷ 0.525 = 80