GCSE FOUNDATION · REVISION MAT 3

Fractions and percentages of amounts

1 Work out $\frac{4}{7}$ of 63

2 Work out 45% of 180.

3 Which is greater,

$\frac{3}{8}$ of 72 or 30% of 85?

Show your working.

4 Ella says,

"40% of 15 is the same as 15% of 40."

Show that Ella is right.

5 A school has 900 students.

$\frac{4}{9}$ of the students are boys.

25% of the boys play hockey.

How many boys play hockey?

6 Mia earns £1,800 a month.

She spends $\frac{1}{3}$ of it on rent, 25% on food and 0.1 of it on travel.

She saves the rest.

How much does she save each month?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 3

Fractions and percentages of amounts

1 $63 \div 7 \times 4 = \mathbf{36}$

2 10% = 18, 5% = 9

45% = **81**

3 $\frac{3}{8}$ of 72 = 27

30% of 85 = 25.5

$\frac{3}{8}$ **of 72** is greater

4 40% of 15 = 6

15% of 40 = 6

They are **equal** ✓

5 $\frac{4}{9} \times 900 = 400$

25% of 400 = **100**

6 Rent £600, food £450, travel £180

£1,800 – £1,230 = **£570**