GCSE FOUNDATION · REVISION MAT 5

Fractions and percentages of amounts

1 Work out $\frac{5}{6}$ of 132

2 Work out 85% of 240.

3 Which is greater,

$\frac{5}{9}$ of 81 or 40% of 110?

Show your working.

4 Ella says,

"30% of 60 is the same as 60% of 30."

Show that Ella is right.

5 A school has 960 students.

$\frac{5}{8}$ of the students are boys.

45% of the boys have school dinners.

How many boys have school dinners?

6 Mia earns £1,500 a month.

She spends $\frac{2}{5}$ of it on rent, 28% on food and 0.08 of it on travel.

She saves the rest.

How much does she save each month?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 5

Fractions and percentages of amounts

1 $132 \div 6 \times 5 = \mathbf{110}$

2 10% = 24, 5% = 12

85% = **204**

3 $\frac{5}{9}$ of 81 = 45

40% of 110 = 44

$\frac{5}{9}$ **of 81** is greater

4 30% of 60 = 18

60% of 30 = 18

They are **equal** ✓

5 $\frac{5}{8} \times 960 = 600$

45% of 600 = **270**

6 Rent £600, food £420, travel £120

£1,500 – £1,140 = **£360**

Mr&Mrs MATHS