GCSE FOUNDATION · REVISION MAT 1

Fractions and percentages of amounts

1 Work out $\frac{3}{5}$ of 85

2 Work out 35% of 260.

3 Which is greater,

$\frac{2}{3}$ of 45 or 65% of 48?

Show your working.

4 Ella says,

"25% of 80 is the same as 80% of 25."

Show that Ella is right.

5 A school has 840 students.

$\frac{3}{7}$ of the students are boys.

40% of the boys play football.

How many boys play football?

6 Mia earns £1,600 a month.

She spends $\frac{1}{4}$ of it on rent, 30% on food and 0.15 of it on travel.

She saves the rest.

How much does she save each month?

Mr&Mrs MATHS

ANSWERS · REVISION MAT 1

Fractions and percentages of amounts

1 $85 \div 5 \times 3 = \mathbf{51}$

2 10% = 26, 5% = 13

35% = **91**

3 $\frac{2}{3}$ of 45 = 30

65% of 48 = 31.2

65% of 48 is greater

4 25% of 80 = 20

80% of 25 = 20

They are **equal** ✓

5 $\frac{3}{7} \times 840 = 360$

40% of 360 = **144**

6 Rent £400, food £480, travel £240

£1,600 – £1,120 = **£480**

Mr&Mrs MATHS