GCSE FOUNDATION · REVISION MAT 4

Fractions and percentages of amounts

1 Work out $\frac{7}{9}$ of 108

2 Work out 65% of 120.

3 Which is greater,

$\frac{4}{5}$ of 35 or 45% of 60?

Show your working.

4 Ella says,

"10% of 70 is the same as 70% of 10."

Show that Ella is right.

5 A school has 630 students.

$\frac{2}{7}$ of the students are girls.

60% of the girls are in the choir.

How many girls are in the choir?

6 Mia earns £2,400 a month.

She spends $\frac{3}{8}$ of it on rent, 20% 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 4

Fractions and percentages of amounts

1 $108 \div 9 \times 7 = \mathbf{84}$

2 10% = 12, 5% = 6

65% = **78**

3 $\frac{4}{5}$ of 35 = 28

45% of 60 = 27

$\frac{4}{5}$ **of 35** is greater

4 10% of 70 = 7

70% of 10 = 7

They are **equal** ✓

5 $\frac{2}{7} \times 630 = 180$

60% of 180 = **108**

6 Rent £900, food £480, travel £360

£2,400 – £1,740 = **£660**

Mr&Mrs MATHS