

## IGCSE – Ratio

### May 02 Paper 2

- 10 Mona made a model of a building using a scale of 1:20.  
The roof of the building had an area of  $300 \text{ m}^2$ .

(a) Calculate the area of the roof of the model in square metres.

Answer (a) .....  $\text{m}^2$  [2]

(b) Write your answer in square centimetres.

Answer (b) .....  $\text{cm}^2$  [1]

### May 03 Paper 2

- 5 The ratios of teachers : male students : female students in a school are 2 : 17 : 18.  
The total number of **students** is 665.  
Find the number of **teachers**.

Answer ..... [2]