

# Ratio and Proportion

## Challenge Cards – Answers

### Card 1

Individual Pie chart and answers

### Card 2

1. 70
2. 680

### Card 3

Area of larger shape =  $108\text{cm}^2$

Perimeter of larger shape = 48cm

### Card 4

9cm = 1km

### Card 5

£167.25

### Card 6

Any combination with 6 blue squares, 9 yellow squares and 15 red squares.

### Card 7

Jo, Tamara, Mohammed, Tim, Lubayna, Susie

### Card 8

£228.75

### Card 9

4:5

### Card 10

80cm

### Card 11

40 questions

### Card 12

12:11

### Card 13

20 strides

### Card 14

16 black haired pupils.