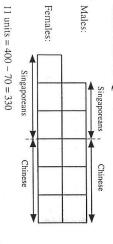
#### SET A

### Solution to Question 1

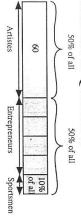


Number of students who were Singaporeans =  $5 \times 30 = 150$ . Number of Chinese students =  $6 \times 30 = 180$ .

1 unit = 30

Fraction of participants who were Chinese students =  $\frac{180}{400} = \frac{9}{20}$ .

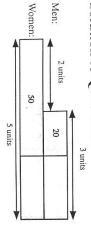
# Solution to Question 2



- 1 unit = 10% of all the interviewees
- 5 units = 50% of all the interviewees
- 1 unit =  $60 \div 5 = 12$

Number of interviewees who aspire to become entrepreneurs = 4 units =  $4 \times 12 = 48$ .

## Solution to Question 3



1 unit = 152 units = 50 - 20 = 30

conference at first =  $5 \text{ units} = 5 \times 15 = 75$ . Number of women at the

#### SET B

### Solution to Question 1

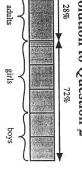


Number of Year 1 helpers = 7 units. Number of Year 2 helpers = 8 units.

1 unit = 9 helpers 8 units - 7 units = 9 helpers

Number of students helping out in the project = 15 units =  $15 \times 9 = 135$ .

# Solution to Question 2



Number of children = 5 units =  $5 \times 72 = 360$ .

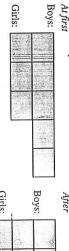
1% of all the people = 360 + 72 = 5100% of all the people =  $5 \times 100 = 500$ . 72% of all the people = 360

carnival = 500.Therefore, total number of people at the

## Solution to Question 3

3 units = 216 1 unit = 72

Since there were 216 girls, we have:



Girls: After 30 30

No. of boys =  $2 \times No.$  of girls

5 units + 75 = 6 units + 60 1 unit = 15

Number of students at Metta School at first =  $8 \text{ units} = 8 \times 15 = 120$ .