**Unit 4 Word Problems Core Worksheet**

1. Ravi is 8 years older than Natasha. The sum of their ages is 42. Find their ages.
2. Marie ran twice as far as Brenda. They ran a total distance of 12km.

Find how far each girl ran.

1. The length of a rectangle is 5cm longer than the width. The perimeter is 68cm. Find the dimensions of the rectangle.
2. Six times a number increased by 7 is 103. Find the number.
3. Mr. Kay is 4 years older than Mrs. Kay. Their total age is 76 years.

How old are they?

1. For two consecutive integers, the sum of the smaller and twice the larger is 38. What are the integers?
2. Find three consecutive numbers with a sum of 159.

Answers:

1. Ravis is 25, Natasha is 17

2. Marie ran 8km and Brenda ran 4km

3. Length is 19.5cm, width is 14.5 cm

4. The number is 16

5. Mr. Kay is 40, Mrs. Kay is 36

6. The numbers are 12 and 13

7. The numbers are 52, 53 and 54