



Introduction to Algebra Ex 8.1 Q7

**Answer :**

It is given that Rohit covers  $x$  cm in one step.

$\therefore$  Distance covered by him in  $y$  steps  $= x \times y = xy$  cm

Introduction to Algebra Ex 8.1 Q8

**Answer :**

Weight of an apple  $= 75$  grams

Weight of an orange  $= 40$  grams

Weight of  $x$  apples  $= 75 \times x = 75x$  grams

Weight of  $y$  oranges  $= 40 \times y = 40y$  grams

Total weight of  $x$  apples and  $y$  oranges  $= (75x + 40y)$  grams

Introduction to Algebra Ex 8.1 Q9

**Answer :**

Cost of one pencil  $= \text{Rs. } 2$

Cost of  $x$  pencils  $= \text{Rs. } 2x$

Cost of one fountain pen  $= \text{Rs. } 15$

Cost of  $y$  fountain pens  $= \text{Rs. } 15y$

Total cost of  $x$  pencils and  $y$  fountain pens  $= \text{Rs. } (2x + 15y)$

\*\*\*\*\* END \*\*\*\*\*