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 = Rs. 2

Cost of x pencils = Rs. $2x$

Cost of one fountain pen = Rs. 15

Cost of y fountain pens = Rs. $15y$

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

*********** END *********