



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

**CLASS 8**

**SUBJECT :ArithmeticWork sheet29**

**Marks:15Direct & Inverse Variation**

**Date:5.6.21**

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**Answer all the following questions(1×15=15)**

Question 1.

10 metres of cloth cost Rs 1000. What will 4 metres cost ?

- (a) Rs 400
- (b) Rs 800
- (c) Rs 200
- (d) Rs 100

Question 2.

15 books weigh 6 kg. What will 6 books weigh ?

- (a) 1.2 kg
- (b) 2.4 kg
- (c) 3.8 kg
- (d) 3 kg.

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Question 3.

A horse eats 18 kg of com in 12 days ? How much does he eat in 9 days ?

- (a) 11.5 kg
- (b) 12.5 kg
- (c) 13.5 kg
- (d) 14.5 kg.

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Question 4.

8 g of sandal wood cost Rs 40. What will 10 g cost ?

- (a) Rs 30
  - (b) Rs 36
  - (c) Rs 48
  - (d) Rs 50.
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Question 5.

20 trucks can hold 150 metric tonnes. How much will 12 trucks hold ?

- (a) 80 metric tonnes
  - (b) 90 metric tonnes
  - (c) 60 metric tonnes
  - (d) 40 metric tonnes.
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Question 6.

120 copies of a book cost Rs 600. What will 400 copies cost ?

- (a) Rs 1000
  - (b) Rs 2000
  - (c) Rs 3000
  - (d) Rs 2400.
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Question 7.

The rent of 7 hectares is Rs 875. What is the rent of 16 hectares ?

- (a) Rs 2000
  - (b) Rs 1500
  - (c) Rs 1600
  - (d) Rs 1200.
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Question 8.

A boy runs 1 km in 10 minutes. How long will he take to run 600 m ?

- (a) 2 minutes
- (b) 3 minutes

- (c) 4 minutes
  - (d) 6 minutes.
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Question 9.

A shot travels 90 m in 1 second. How long will it take to go 225 m ?

- (a) 2 seconds
  - (b) 2.5 seconds
  - (c) 4 seconds
  - (d) 3.5 seconds.
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Question 10.

3 knives cost Rs 63. What will 17 knives cost ?

- (a) Rs 357
  - (b) Rs 375
  - (c) Rs 537
  - (d) Rs 573.
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Question 11.

15 men can mow 40 hectares of land in 1 day. How much will 6 men mow in 1 day ?

- (a) 16 hectares
  - (b) 12 hectares
  - (c) 20 hectares
  - (d) 24 hectares.
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Question 12.

A man walks 20 km in 5 hours. How long would he take in walking 32 km ?

- (a) 3 hours
- (b) 4 hours
- (c) 6 hours
- (d) 8 hours.

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Question 13.

What is the cost of 50 sticks at Rs 24 per score ?

- (a) Rs 30
- (b) Rs 40
- (c) Rs 50
- (d) Rs 60.

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Question 14.

A train travels 60 km in 1 hour. How long will it take to go 150 km ?

- (a) 2 hours
- (b) 3 hours
- (c) 2.5 hours
- (d) 4 hours.

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Question 15.

If 3 quintals of coal cost Rs 6000, what is the cost of 120 kg ?

- (a) Rs 1200
- (b) Rs 2400
- (c) Rs 3600
- (d) Rs 4800



