Unitary Method

A. Choose the correct answer:

1. If 5 pens cost ₹50 what is the cost of 1 pen

a) ₹10   b) ₹5

c) ₹15   d) ₹8

2. If 1 apple costs ₹12 what is the cost of 8 apples

a) ₹80   b) ₹96

c) ₹100   d) ₹90

3. If 6 notebooks cost ₹180 how much do 2 notebooks cost

a) ₹50   b) ₹60

c) ₹30   d) ₹45

4. If 1 metre of cloth costs ₹75 what is the cost of 4 metres

a) ₹250   b) ₹300

c) ₹275   d) ₹225

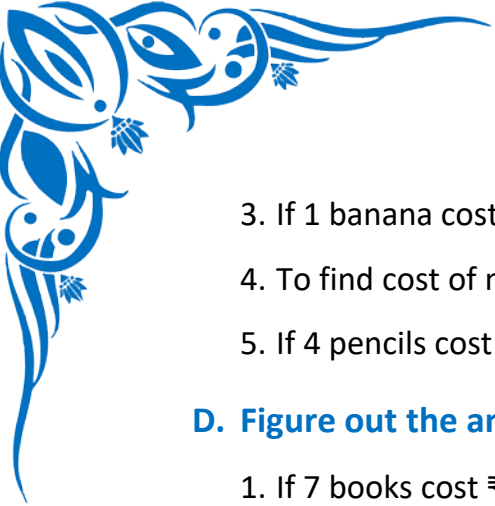**5. If 10 chocolates cost ₹150 what is the cost of 1 chocolate**

a) ₹10   b) ₹15

c) ₹20   d) ₹25

B. Write the Missing Terms to Complete the Sentences:

1. If 4 kg of sugar costs ₹200 then 1 kg of sugar costs ₹_____.

2. The cost of 1 item is called the _____ price.

3. If the cost of 1 toy is ₹120 then the cost of 3 toys is ₹_____.

4. Unitary method is used to find the value of _____ unit from many.

5. If 1 litre of milk costs ₹48 then 5 litres cost ₹_____.

C. Mark each sentence with a True (✔) or False (✗):

1. In unitary method we find the value of one item first.   _____

2. 1 dozen means 10 items.   _____

3. If 1 banana costs ₹5 then 6 bananas cost ₹30. _____

4. To find cost of many from one we multiply. _____

5. If 4 pencils cost ₹20 then 1 pencil costs ₹6. _____

D. Figure out the answers to these questions:

1. If 7 books cost ₹630. find the cost of 1 book and then find the cost of 3 books.

2. If 1 packet of biscuits costs ₹28. find the cost of 9 packets.

3. The cost of 12 pens is ₹144. find the cost of 6 pens using unitary method.

4. A car travels 240 km in 4 hours. How much distance does it cover in 1 hour.

5. If 1 kg of apples costs ₹85. what is the cost of $\frac{3}{4}$ kg.

E. Challenge yourself with these questions:

1. If 1 chocolate costs ₹18. how much do 7 chocolates cost.

2. A train covers 540 km in 6 hours. How much does it cover in 1 hour.

3. 5 bottles of juice cost ₹225. What is the cost of 1 bottle and 3 bottles.

4. If 1 packet of rice weighs 2.5 kg. what is the weight of 4 packets.

5. A car uses 5 litres of petrol to travel 75 km. How far will it travel with 1 litre.