

Subject: Maths

Class: Primary 7

Topic: Comparing Costs (Unitary Method, Profit & Loss)

Levels: Basic, Intermediate, Advanced

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### Level: Basic

1. If Arjun buys 5 pens for ₹50, what is the cost of 1 pen? \_\_\_\_\_
2. A pack of 10 chocolates costs ₹200. Find the cost of 1 chocolate. \_\_\_\_\_
3. Priya bought a notebook for ₹45 and sold it for ₹55. Did she make a profit? (?) \_\_\_\_\_
4. Fill in: Cost Price (CP) = ₹100, Selling Price (SP) = ₹120. Profit = ? \_\_\_\_\_
5. If 1 kg of sugar costs ₹40, how much will 2.5 kg cost? \_\_\_\_\_
6. A toy car costs ₹150. If there is a discount of ₹20, what is the final price? ? \_\_\_\_\_
7. Which is cheaper: 1 liter of milk for ₹60 or 2 liters for ₹110? ? \_\_\_\_\_
8. Rahul bought a cricket bat for ₹1200 and sold it for ₹1000. Calculate the loss. \_\_\_\_\_
9. If 12 bananas cost ₹48, find the cost of 1 banana. (?) \_\_\_\_\_
10. Complete the pattern: 1 item = ₹15, 2 items = ₹30, 3 items = ? \_\_\_\_\_

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### Level: Intermediate

1. If 6 kg of rice costs ₹240, find the cost of 15 kg of rice. \_\_\_\_\_
2. A shopkeeper buys a chair for ₹800 and sells it at a profit of 10%. Find the SP. ₹ \_\_\_\_\_
3. Anish bought 3 shirts for ₹1500. How many shirts can he buy with ₹2500? \_\_\_\_\_
4. A bag marked at ₹500 is sold for ₹450. Find the discount percentage. \_\_\_\_\_
5. If the cost of 15 identical books is ₹900, find the cost of 24 such books. \_\_\_\_\_
6. A fruit seller buys apples at ₹100 per kg and sells them at ₹120 per kg. Find his profit %. ₹ \_\_\_\_\_
7. Compare: Shop A sells 5kg flour for ₹200. Shop B sells 2kg for ₹85. Which is better? \_\_\_\_\_
8. If a dozen eggs cost ₹72, what is the cost of 30 eggs? \_\_\_\_\_
9. Find the Selling Price if CP = ₹250 and Loss = 5%. ₹ \_\_\_\_\_
10. If 8 workers are paid ₹4000 for a day, how much should 12 workers be paid? \_\_\_\_\_

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### Level: Advanced

1. A dealer buys a TV for ₹15,000 and spends ₹500 on transport. He sells it for ₹18,000. Find total profit %.  
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2. If 5 meters of cloth costs ₹450, find the area of the cloth if width is 2m. (Use m<sup>2</sup>). \_\_\_\_\_
3. A man sells two fans for ₹1200 each. On one he gains 20% and on other he loses 20%. Find total gain/loss. \_\_\_\_\_
4. The ratio of CP to SP is 4:5. Calculate the profit percentage. ? \_\_\_\_\_
5. If ₹ (pi) represents a circular plate costing ₹314, find the cost of a plate with double the radius. \_\_\_\_\_
6. A wholesaler offers 'Buy 3 Get 1 Free'. What is the effective discount percentage? \_\_\_\_\_
7. If the cost of x items is ₹100, find the cost of 1 item in terms of x. \_\_\_\_\_
8. An item is sold for ₹960 at a loss of 4%. What was its Cost Price? \_\_\_\_\_
9. Compare the unit price: 750ml of juice for ₹90 vs. 1.2L of juice for ₹140. Which is cheaper? \_\_\_\_\_
10. Calculate the angle ? on a pie chart if a 'Food' expense is ₹3000 out of a total ₹12000 budget. \_\_\_\_\_