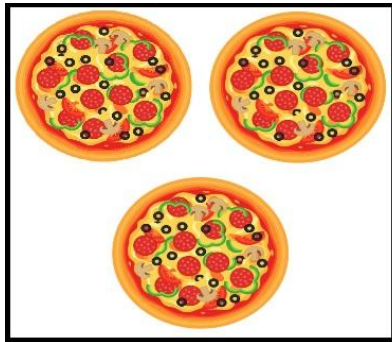
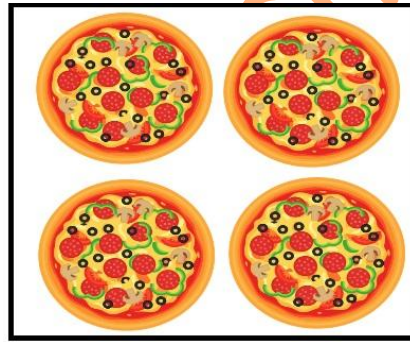


Class 5 Maths**Unitary Method – Value for Money****Solve the following:**

1. A single orange costs Rs. 32. A pack of 5 orange costs Rs. 150. Which is value for money?
2. A single pair of socks costs Rs. 199. A pack of 3 pairs costs Rs. 299. Which is value for money?
3. 6 eggs for Rs 66 or 10 eggs for Rs 90.
4. 5 apples for Rs. 175 or 6 apples Rs. 180
5. Which is the best buy among these two sets of pizza?



3 pizzas for Rs. 180



4 pizzas for Rs. 200

6. 18 pens for Rs. 684 or 30 pens for Rs. 960?

Value for Money – Solve and Compare

1. A single orange costs ₹32. A pack of 5 oranges costs ₹150. Which is value for money?

Solution

Cost of **1 orange (single)** = ₹32

Cost of **5 oranges** = ₹150

Cost of **1 orange in the pack**

$$= 150 \div 5$$

$$= \text{₹}30$$

Comparison:

Single orange = ₹32

Pack orange = ₹30

Since ₹30 < ₹32, the **pack of 5 oranges** is cheaper.

✓ **Answer:** Pack of **5 oranges** is value for money.

2. A single pair of socks costs ₹199. A pack of 3 pairs costs ₹299. Which is value for money?

Solution

Cost of **1 pair (single)** = ₹199

Cost of **3 pairs** = ₹299

Cost of **1 pair in the pack**

$$= 299 \div 3$$

$$\approx \text{₹}99.67$$

Comparison:

Single pair = ₹199

Pack pair \approx ₹99.67

Since ₹99.67 < ₹199, the pack is cheaper.

✓ **Answer:** Pack of **3 pairs of socks** is value for money.

3. 6 eggs for ₹66 or 10 eggs for ₹90. Which is value for money?

Solution

Cost of **1 egg (first option)**

$$= 66 \div 6$$

$$= \mathbf{₹11}$$

Cost of **1 egg (second option)**

$$= 90 \div 10$$

$$= \mathbf{₹9}$$

Comparison:

First option = ₹11

Second option = ₹9

Since $\mathbf{₹9} < \mathbf{₹11}$, the second option is cheaper.

✓ **Answer:** **10 eggs for ₹90** is value for money.

4. 5 apples for ₹175 or 6 apples for ₹180. Which is value for money?

Solution

Cost of **1 apple (first option)**

$$= 175 \div 5$$

$$= \mathbf{₹35}$$

Cost of **1 apple (second option)**

$$= 180 \div 6$$

$$= \mathbf{₹30}$$

Comparison:

First option = ₹35

Second option = ₹30

Since ₹30 < ₹35, the second option is cheaper.

✓ **Answer: 6 apples for ₹180 is value for money.**

5. Which is the best buy among these pizza sets?

3 pizzas for ₹180

4 pizzas for ₹200

Solution

Cost of **1 pizza (first set)**

$$= 180 \div 3$$

$$= \text{₹60}$$

Cost of **1 pizza (second set)**

$$= 200 \div 4$$

$$= \text{₹50}$$

Comparison:

First set = ₹60

Second set = ₹50

Since ₹50 < ₹60, the second option is cheaper.

✓ **Answer: 4 pizzas for ₹200 is the best buy.**

6. 18 pens for ₹684 or 30 pens for ₹960. Which is value for money?

Solution

Cost of **1 pen (first option)**

$$= 684 \div 18$$

$$= \text{₹38}$$

Cost of **1 pen (second option)**

$$= 960 \div 30$$

$$= \text{₹32}$$

Comparison:

First option = ₹38

Second option = ₹32

Since ₹32 < ₹38, the second option is cheaper.

✓ **Answer: 30 pens for ₹960** is value for money.

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