Budgets/cost predictions

6 questions | 11 marks

Equivalent correct methods earn the corresponding marks.

1. A group has 100 dollars. It plans to spend 28, 35 and 16 dollars. Find the total and the amount left. [2 marks]

$28+35+16=79$; $100-79=21$.

Answer: Total 79 dollars; 21 dollars left.

2. Ten tickets cost 3.50 dollars each. Find their total cost. [1 mark]

$3.50\times10=35$.

Answer: 35 dollars.

3. A fundraiser collects 84 dollars. Materials cost 31.60 dollars and printing costs 12.40 dollars. Find the surplus. [2 marks]

Costs are $31.60+12.40=44$; $84-44=40$.

Answer: 40 dollars.

4. A display needs eight packs at 2.75 dollars each and a stand costing 12.50 dollars. Find the total cost. [2 marks]

$8\times2.75=22$; $22+12.50=34.50$.

Answer: 34.50 dollars.

5. Six lunches were planned at 3 dollars each. Their price rises to 3.50 dollars each. How much must be added to the budget? [2 marks]

Each rises by 0.50 dollars; $6\times0.50=3$.

Answer: 3 dollars.

6. A class has a 10-dollar buffer. An extra delivery fee is 7 dollars. Explain whether the fee can be paid without removing a planned item. [2 marks]

$10-7=3$, provided all other planned costs stay unchanged.

Answer: Yes; 3 dollars of the buffer remains.