Year 5 Money and practical problems: topic test

12 questions | 29 marks | 30 minutes

Plan purchases and savings, compare offers and explain choices using supplied costs and waste information.

Equivalent correct methods earn the corresponding marks.

1. Four pens cost 3 dollars each. Find the cost. [1 mark]

$4 \times 3 = 12$.

Answer: 12 dollars

2. Pay 20 dollars for a 13-dollar item. Find the change. [1 mark]

$20 - 13 = 7$.

Answer: 7 dollars

3. A club has 45 dollars and spends 17 dollars. Find the amount left. [2 marks]

$45 - 17 = 28$.

Answer: 28 dollars

4. Find the total for 3 bags at 7 dollars each and one 4-dollar delivery fee. [2 marks]

$3 \times 7 = 21$.

$21 + 4 = 25$.

Answer: 25 dollars

5. Save 6 dollars a week for 5 weeks. Find the savings. [2 marks]

$5 \times 6 = 30$.

Answer: 30 dollars

6. A goal costs 40 dollars. You have 16 dollars and save 6 dollars weekly. How many weeks? [2 marks]

Need $40 - 16 = 24$.

$24 \div 6 = 4$.

Answer: 4 weeks

7. You need 12 markers. Packs of 4 cost 5 dollars; packs of 6 cost 7 dollars. Which pack choice costs less? [3 marks]

Three packs of 4 cost $3 \times 5 = 15$.

Two packs of 6 cost $2 \times 7 = 14$.

$15 - 14 = 1$.

Answer: Two packs of 6 cost 14 dollars, saving 1 dollar.

8. Receive 11 dollars and spend 4 dollars each week. Start with 5 dollars saved. Find savings after 4 weeks. [3 marks]

Keep $11 - 4 = 7$ weekly.

Add $4 \times 7 = 28$.

Total: $5 + 28 = 33$.

Answer: 33 dollars

9. A goal costs 34 dollars. You have 9 dollars and save 6 dollars weekly. Show why 4 weeks are not enough and find the first whole week you can afford it. [3 marks]

$9 + 4 \times 6 = 33 < 34$.

$9 + 5 \times 6 = 39$, enough.

Answer: Five weeks. Four weeks gives 33 dollars, one dollar short.

10. A class needs 8 notebooks at 3 dollars each. Its budget is 30 dollars. What is the most it can spend on one shared extra item? [3 marks]

Books: $8 \times 3 = 24$.

Left: $30 - 24 = 6$.

Answer: 6 dollars

11. The class has 35 dollars. Compare A and B using cost and wrappers, then recommend one with a reason. [4 marks]

Two suitable supplies

Option	Cost (dollars)	Wrappers
A	28	14
B	32	4

A remainder: $35 - 28 = 7$.

B remainder: $35 - 32 = 3$.

Wrappers saved by B: $14 - 4 = 10$.

Answer: Both fit. A leaves 7 dollars; B leaves 3 dollars and makes 10 fewer wrappers. Either recommendation is valid with a reason.

12. A repair costs 9 dollars and should last 12 months. A replacement costs 24 dollars and should last 12 months. Find the purchase-cost saving from repair and state one assumption. [3 marks]

$24 - 9 = 15$.

A useful assumption concerns equal useful life or extra costs.

Answer: 15 dollars. Assume both work for the stated time or that no extra costs apply.