Class enterprise and others' wellbeing

6 practice questions

1. Six cards sell for 50 cents each. How much money is collected?

$6 \times 50 = 300$ cents, or 3 dollars.

Answer: 3 dollars.

2. A class makes 10 cards costing 20 cents each. It sells only 6 for 50 cents each. How much remains after all materials costs?

All materials cost $10 \times 20 = 200$ cents. Sales collect $6 \times 50 = 300$ cents.
$300 - 200 = 100$ cents remain.

Answer: 1 dollar.

3. After costs, a stall has 3 dollars. The class gives 1 dollar to a chosen project. How much is left?

$3 - 1 = 2$ dollars.

Answer: 2 dollars.

4. Badges sell for 50 cents each. How many must sell to collect 4 dollars? This asks for sales money before costs.

4 dollars are 400 cents. Eight groups of 50 cents make 400 cents.

Answer: 8 badges.

5. The materials budget is 3 dollars. Card costs are 2 dollars 50 cents and labels cost 70 cents. A cheaper label set costs 40 cents. Which label set fits the budget?

$250 + 70 = 320$ cents is too much. $250 + 40 = 290$ cents fits within 300 cents; $300 - 290 = 10$.

Answer: The 40-cent labels fit, with 10 cents left.

6. A class has 2 dollars left after costs. Suggest a plan that considers other people and the next stall. Show that the plan uses no more than 2 dollars.

$1 + 1 = 2$ dollars. Another explained plan within the budget is acceptable.

Answer: For example, use 1 dollar for shared supplies and save 1 dollar for the next stall.