Practice worksheet | Percentages and financial maths

Comparing choices, risks and consequences

Name: _____ Date: _____

6 questions | 12 marks

1. A 15-dollar bottle can be used twelve times with free refills. Single-use bottles cost 2 dollars each. How much is saved by choosing the reusable bottle for twelve uses? [2 marks]

2. An item costs 24 dollars online plus 6 dollars delivery. A local shop charges 29 dollars with no extra fee. Which total is lower? [2 marks]

3. A class has 45 dollars and a planned total of 39 dollars. A possible extra fee is 8 dollars. Would the budget still fit if it is charged? [2 marks]

4. You need eight notebooks. Packs of four cost 6 dollars; packs of ten cost 13 dollars. Compare the lowest cost of each suitable purchase. [2 marks]

5. A stall expects income of 70 dollars and costs of 46 dollars. If income is 10 dollars lower, what surplus remains? [2 marks]

6. Two school bags cost 30 and 35 dollars. No information about durability is given. Can you conclude that the 35-dollar bag will last longer? Explain. [2 marks]