Practice worksheet | Percentages and financial mathematics

Budgets and purchase decisions

Name: _____ Date: _____

6 questions | 14 marks

1. A student has 60 AUD and spends 17 AUD on travel and 26 AUD on food. Find the amount left. [2 marks]

2. Five entries cost 9 AUD each plus one 5 AUD booking fee. Find the total. [2 marks]

3. A 40 AUD bag has 15% off. A student has 35 AUD. Can they afford it, and what remains? [2 marks]

4. Plan A costs 12 AUD per person plus 10 AUD once. Plan B costs 14 AUD per person. Compare costs for six people. [2 marks]

5. An event budget is 150 AUD. Room hire is 65 AUD, food is 48 AUD, and equipment is 22 AUD. Find the remaining amount. Should an optional 18 AUD decoration purchase be added without changing the budget? [3 marks]

6. A school group can buy 20 durable cups for 24 AUD or 20 single-use cups for 10 AUD. They have a 25 AUD budget and expect repeated events. Give a justified choice, including one assumption. [3 marks]