Practice worksheet | Percentages and money

Choosing and explaining a financial model

Name: _____ Date: _____

6 questions | 17 marks

1. An excursion has a 20-dollar booking fee and costs 5 dollars per person. Find the cost for 8 people. [2 marks]

2. A game venue costs 10 dollars once plus 4 dollars per person. Find the total for 0, 1 and 2 people. [2 marks]

3. A stall sells 10 items for 3 dollars each. Materials cost 1 dollar per item, plus a 15-dollar setup fee. Find the surplus. [3 marks]

4. A ticket model uses 7 dollars per person. Give two things that should be checked before using it to predict the cost of a school trip. [3 marks]

5. Company A charges 40 dollars once plus 2 dollars per person. Company B charges 6 dollars per person with no fixed fee. Both can carry 12 people. Which is cheaper for 12 people? [3 marks]

6. You have 80 dollars for kits. Delivery costs 18 dollars once and each kit costs 7.50 dollars. Find the largest number of whole kits you can buy and the money left. [4 marks]