Practice worksheet | Patterns and algorithms

Additive/multiplicative rules

Name: _____ Date: _____

6 questions | 11 marks

1. Continue 9, 15, 21, 27 with two more terms, using a constant addition rule. [2 marks]

2. Start at 48 and halve each time. Write the first five terms. [2 marks]

3. Fill the gap in 5, 10, __, 40, 80. Use a multiply-by-2 rule. [1 mark]

4. Does add 4 fit every jump in 6, 10, 14, 19? Explain. [2 marks]

5. A club saves 6 dollars each week. It has 13 dollars now. How much will it have after three more weeks? [2 marks]

6. Create four terms starting at 7 using a multiply-by-3 rule. [2 marks]