Practice worksheet | Linear and exponential models

Exponential graphs and constant percentage change

Name: _____ Date: _____

6 questions | 13 marks

1. Write the multiplier for 7% growth. [2 marks]

2. Write the multiplier for 15% decay. [2 marks]

3. Values are 50, 60, 72, 86.4 at equal steps. Find factor and percentage change. [2 marks]

4. Evaluate $300(1.1)^2$. [2 marks]

5. Evaluate $500(0.9)^3$. [2 marks]

6. Explain why 20, 25, 30, 35 is not exponential with one constant factor. [3 marks]