Practice worksheet | Linear and exponential models

Gradient/intercepts

Name: _____ Date: _____

6 questions | 12 marks

1. Find gradient through $(2, 5)$ and $(6, 17)$. [2 marks]

2. Find gradient through $(1, 11)$ and $(5, 3)$. [2 marks]

3. Find gradient and y-intercept of $3x + y = 12$. [2 marks]

4. Find both intercepts of $y = 2x - 6$. [2 marks]

5. A cost graph has gradient 4.5 dollars/km and y-intercept 9 dollars. Interpret both. [2 marks]

6. What is the gradient of $x = 4$? [2 marks]