Practice worksheet | Linear equations and graphs

Finding a line from information

Name: _____ Date: _____

6 questions | 14 marks

1. Find the line of gradient 2 through $(1, 5)$. [2 marks]

2. Find the line of gradient $\frac{1}{2}$ through $(4, -1)$. [2 marks]

3. Find the equation through $(0, 6)$ and $(3, 0)$. [3 marks]

4. Find the equation through $(-2, -1)$ and $(2, 7)$. [3 marks]

5. Find the equation through $(5, -2)$ and $(5, 6)$. [2 marks]

6. A straight path passes through $(1, 3)$ and $(5, 3)$. Write its equation and state its gradient. [2 marks]