Practice worksheet | Linear equations and graphs

Substitution checks

Name: _____ Date: _____

6 questions | 14 marks

1. Check $x = 5$ in $2x + 3 = 13$. [2 marks]

2. Check $x = -1$ in $4x + 2 = -2$. [2 marks]

3. Check $x = 2$ in $3(x + 1) = 8$. [2 marks]

4. Check $x = \frac{3}{2}$ in $4x - 1 = 5$. [2 marks]

5. A student gets $x = 5$ for $5x + 4 = 24$. Check the guess and find the correct solution. [3 marks]

6. Which of $x = -2, 0, 2$ solves $3x + 2 = x - 2$? Show the checks. [3 marks]