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 $x = 3/2$ 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 and 2 solves $3x + 2 = x - 2$? Show the checks. [3 marks]