Practice worksheet | Linear and exponential models

Linear equations and formulas

Name: _____ Date: _____

6 questions | 12 marks

1. Solve $4x + 9 = 37$. [2 marks]

2. Solve $7 - 2x = -5$. [2 marks]

3. Solve $3(x + 2) = 21$ and check. [2 marks]

4. Make h the subject of $A = \frac{bh}{2}$, where $b \neq 0$. [2 marks]

5. Use $C = 18 + 6n$ to find the cost for five items. [2 marks]

6. A tank has $V = 150 - 12t$ litres after t minutes. When does it hold 90 L? [2 marks]