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 $A = bh/2$, 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]