Practice worksheet | Linear equations and graphs

Brackets and variables on both sides

Name: _____ Date: _____

6 questions | 13 marks

1. Solve $2(x + 3) = 18$. [2 marks]

2. Solve $3(x - 1) = 2x + 5$. [2 marks]

3. Solve $5(x + 2) = 3x + 18$. [2 marks]

4. Solve $4(x-2)=2(x+3)$. [2 marks]

5. Explain and correct the expansion $2(x+5)=2x+5$. [2 marks]

6. Plan A costs AUD 8 plus AUD 3 per hour; B costs AUD 2 plus AUD 5 per hour. When are they equal? [3 marks]