Practice worksheet | Linear equations

Equality and balancing

Name: _____ Date: _____

6 questions | 11 marks

1. Complete $7 + 8 = 10 + \square$. [1 mark]

2. Is $18 - 5 = 6 + 7$ true? Explain. [2 marks]

3. Find x in $x + 3 = 11$ by keeping both sides balanced. [2 marks]

4. An equation is $m - 5 = 9$. Explain why adding 5 to both sides is useful. [2 marks]

5. A student changes $a + 7 = 19$ into $a = 19$. What change has been missed? [2 marks]

6. The same number is added to both sides of a true equation. Must the new equation be true? Explain with an example. [2 marks]