Practice worksheet | Index laws

Zero index

Name: _____ Date: _____

6 questions | 11 marks

1. Evaluate 7^0. [1 mark]

2. Evaluate $(-8)^0$. [1 mark]

3. Evaluate -8^0. [2 marks]

4. Use a quotient to explain $6^0 = 1$. [2 marks]

5. Evaluate $3^0 + 4^2$. [2 marks]

6. A student uses $a^0 = 1$ to claim $0^0 = 1$. Is this a valid use of the rule? Explain. [3 marks]