Practice worksheet | Indices and scientific notation

Zero/negative powers and reciprocals

Name: _____ Date: _____

6 questions | 11 marks

1. Evaluate 9^0. [1 mark]

2. Write 4^{-2} as a fraction. [2 marks]

3. Evaluate $(-3)^{-2}$. [2 marks]

4. Write 0.000001 as a power of 10. [2 marks]

5. Evaluate $2^3 \times 2^{-5}$. [2 marks]

6. Explain why 0^{-2} is not defined. [2 marks]