Practice worksheet | Index laws

Dividing same-base powers

Name: _____ Date: _____

6 questions | 14 marks

1. Simplify $2^8 \div 2^3$ and evaluate. [2 marks]

2. Write $10^6 \div 10^2$ as one power. [2 marks]

3. Evaluate $6^5 \div 6^4$. [2 marks]

4. Evaluate $7^3 \div 7^3$. [2 marks]

5. Simplify $3^7 \div (3^2 \times 3^3)$ and evaluate. [3 marks]

6. Find n if $8^n \div 8^2 = 8^4$. [3 marks]