

Name : _____

Score : _____

Teacher : _____

Date : _____

Exponents with Multiplication and Division

Simplify. Your answer should contain only positive exponents.

1) $\frac{w}{w^6}$

7) $5b^5 \cdot 8b^4$

2) $9z^2k^5 \cdot 7z^4k^6$

8) $g^3 \cdot g^2 \cdot g^4$

3) $\left(\frac{1}{g}\right)^3 \cdot \left(\frac{1}{g}\right)^5 \cdot \left(\frac{1}{g}\right)^4$

9) $\frac{2c^3z^5}{7c^2z^4}$

4) $\frac{7k^4g^3}{8kg^2}$

10) $\left(\frac{2}{3}\right)^5 \cdot \left(\frac{2}{3}\right)^2 \cdot \left(\frac{2}{3}\right)^6$

5) $\frac{4s^4}{9s^5c^3}$

11) $2s^6 \cdot 7s^5d^4$

6) $\frac{d^6}{d^2}$

12) $\frac{6s}{7s^5}$

