

Name : _____

Score : _____

Teacher : _____

Date : _____

Operations with Exponents

Simplify

1) $(6zc^5)^3$

7) $(3g \cdot 2g^2)^2$

2) $(6w^6g)^4$

8) $\frac{w}{w^4}$

3) $\left(\frac{n}{n^5}\right)^3$

9) $\left(\frac{9r^2}{5r^6}\right)^2$

4) $\left(\frac{1}{w}\right)^4 \cdot \left(\frac{1}{w}\right)^2$

10) $\frac{8k^6}{4k^4}$

5) $9d^5s^4 \cdot 5d^6s^2$

11) $\left(\frac{4cg^2}{5c^6g^5}\right)^3$

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

12) $\left(\frac{1}{5}\right)^3 \cdot \left(\frac{1}{5}\right)^6$

