

Name : _____

Score : _____

Teacher : _____

Date : _____

Operations with Exponents

Simplify the exponents.

1) $\frac{7s^a}{3s}$

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

2) $\left(\frac{1}{s}\right)^5 \cdot \left(\frac{1}{s}\right)^2 \cdot \left(\frac{1}{s}\right)^4$

8) $6g^2 \cdot 4g^4c^5$

3) $(4cb^5)^5$

9) $\left(\frac{7g^3n^4}{3gn^2}\right)^2$

4) $\frac{9cy^4}{5c^3y^2}$

10) $8k \cdot 6k^{-3}$

5) $\left(\frac{br}{3b^4r^2}\right)^2$

11) $\frac{3g^4}{4g^2}$

6) $\left(\frac{2c^4}{6c}\right)^3$

12) $(5y^4z)^4$

