

Name : _____

Score : _____

Teacher : _____

Date : _____

Exponents and Division

Simplify. Your answer should contain only positive exponents.

1) $\frac{h^6}{h^5}$

7) $\frac{6n^6}{4n^3z^2}$

2) $\frac{7c^6r^4}{8cr^3}$

8) $\frac{7k^{-5}g^{-6}}{2kg^{-3}}$

3) $\frac{4gh^{-6}}{3g^{-2}h^5}$

9) $\frac{6^6}{6}$

4) $\frac{8^5}{8^3}$

10) $\frac{5^3}{5^{-2}}$

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

11) $\frac{7c^{-5}d^5}{2c^3d^{-6}}$

6) $\frac{gc}{5g^{-2}c^{-4}}$

12) $\frac{s}{s^2}$



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Simplify. Your answer should contain only positive exponents.

$$1) \frac{h^6}{h^5}$$
$$h$$

$$2) \frac{7c^6r^4}{8cr^3}$$
$$\frac{7c^5r}{8}$$

$$3) \frac{4gh^{-6}}{3g^{-2}h^5}$$
$$\frac{4g^3}{3h^{11}}$$

$$4) \frac{8^5}{8^3}$$
$$8^2$$

$$5) \frac{4s^3}{9s}$$
$$\frac{4s^2}{9}$$

$$6) \frac{gc}{5g^{-2}c^{-4}}$$
$$\frac{g^3c^5}{5}$$

$$7) \frac{6n^6}{4n^3z^2}$$
$$\frac{3n^3}{2z^2}$$

$$8) \frac{7k^{-5}g^{-6}}{2kg^{-3}}$$
$$\frac{7}{2k^6g^3}$$

$$9) \frac{6^6}{6}$$
$$6^5$$

$$10) \frac{5^3}{5^{-2}}$$
$$5^5$$

$$11) \frac{7c^{-5}d^5}{2c^3d^{-6}}$$
$$\frac{7d^{11}}{2c^8}$$

$$12) \frac{s}{s^2}$$
$$\frac{1}{s}$$

