

Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Exponents and Division

Simplify. Your answer should contain only positive exponents.

1)  $\frac{h}{h^4}$

7)  $\frac{4^4}{4}$

2)  $\frac{9gw^3}{2g^4w^5}$

8)  $\frac{s^3}{s^{-4}}$

3)  $\frac{7b^{-6}}{6b^2}$

9)  $\frac{8s}{5s^{-5}}$

4)  $\frac{7^{-4}}{7}$

10)  $\frac{3b^{-4}r^{-6}}{4br^{-5}}$

5)  $\frac{h^5}{h^4}$

11)  $\frac{3n^2}{8n^4c^3}$

6)  $\frac{dh}{7d^2h^3}$

12)  $\frac{6d^2s^4}{3ds^6}$



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## Exponents and Division

Simplify. Your answer should contain only positive exponents.

1)  $\frac{h}{h^4}$

$\frac{1}{h^3}$

2)  $\frac{9gw^3}{2g^4w^5}$

$\frac{9}{2g^3w^2}$

3)  $\frac{7b^{-6}}{6b^2}$

$\frac{7}{6b^8}$

4)  $\frac{7^{-4}}{7}$

$\frac{1}{7^5}$

5)  $\frac{h^5}{h^4}$

$h$

6)  $\frac{dh}{7d^2h^3}$

$\frac{1}{7dh^2}$

7)  $\frac{4^4}{4}$

$4^3$

8)  $\frac{s^3}{s^{-4}}$

$s^7$

9)  $\frac{8s}{5s^{-5}}$

$\frac{8s^6}{5}$

10)  $\frac{3b^{-4}r^{-6}}{4br^{-5}}$

$\frac{3}{4b^5r}$

11)  $\frac{3n^2}{8n^4c^3}$

$\frac{3}{8n^2c^3}$

12)  $\frac{6d^2s^4}{3ds^6}$

$\frac{2d}{s^2}$

