

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Rational Expressions

Simplify each expression.

1) $\frac{16r^6}{10r^3}$

6) $\frac{36y^6}{63y}$

2) $\frac{30h^6}{40h^6}$

7) $\frac{50s^6}{60s^2}$

3) $\frac{12n^6}{24n^6}$

8) $\frac{64k}{32k^2}$

4) $\frac{16x}{12x^4}$

9) $\frac{24d^5}{40d^5}$

5) $\frac{60b}{20b^3}$

10) $\frac{32g^2}{24g}$



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Simplifying Rational Expressions

Simplify each expression.

$$1) \frac{16r^6}{10r^3}$$
$$\frac{8r^3}{5}$$

$$6) \frac{36y^6}{63y}$$
$$\frac{4y^5}{7}$$

$$2) \frac{30h^6}{40h^6}$$
$$\frac{3}{4}$$

$$7) \frac{50s^6}{60s^2}$$
$$\frac{5s^4}{6}$$

$$3) \frac{12n^6}{24n^6}$$
$$\frac{1}{2}$$

$$8) \frac{64k}{32k^2}$$
$$\frac{2}{k}$$

$$4) \frac{16x}{12x^4}$$
$$\frac{4}{3x^3}$$

$$9) \frac{24d^5}{40d^5}$$
$$\frac{3}{5}$$

$$5) \frac{60b}{20b^3}$$
$$\frac{3}{b^2}$$

$$10) \frac{32g^2}{24g}$$
$$\frac{4g}{3}$$

