

Name : _____

Score : _____

Teacher : _____

Date : _____

Simplifying Rational Expressions

Simplify each expression.

1) $\frac{32r^4}{20r^5}$

6) $\frac{30p^4}{20p^4}$

2) $\frac{48y}{30y^2}$

7) $\frac{48x^6}{24x^6}$

3) $\frac{32d^4}{24d^4}$

8) $\frac{48n^2}{24n}$

4) $\frac{10b^2}{25b^3}$

9) $\frac{12z^5}{18z^5}$

5) $\frac{15c^2}{35c^4}$

10) $\frac{70g^5}{60g}$



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Simplifying Rational Expressions

Simplify each expression.

$$1) \frac{32r^4}{20r^5}$$

$$\frac{8}{5r}$$

$$2) \frac{48y}{30y^2}$$

$$\frac{8}{5y}$$

$$3) \frac{32d^4}{24d^4}$$

$$\frac{4}{3}$$

$$4) \frac{10b^2}{25b^3}$$

$$\frac{2}{5b}$$

$$5) \frac{15c^2}{35c^4}$$

$$\frac{3}{7c^2}$$

$$6) \frac{30p^4}{20p^4}$$

$$\frac{3}{2}$$

$$7) \frac{48x^6}{24x^6}$$

$$2$$

$$8) \frac{48n^2}{24n}$$

$$2n$$

$$9) \frac{12z^5}{18z^5}$$

$$\frac{2}{3}$$

$$10) \frac{70g^5}{60g}$$

$$\frac{7g^4}{6}$$

