

## Simplify Rational Expressions

Simplify the rational expressions.

$$\frac{24g^2}{12g^4}$$

$$\frac{16s^2}{32s^4}$$

$$\frac{24r^3}{18r^2}$$

$$\frac{72q^3}{45q}$$

$$\frac{27h}{72h^4}$$

$$\frac{24d^2}{42d^2}$$

$$\frac{40c}{32c^2}$$

$$\frac{54h^3}{45h^5}$$

## Simplify Rational Expressions

Simplify the rational expressions.

$$\frac{24g^2}{12g^4}$$
$$= \frac{2}{g^2}$$

$$\frac{24r^3}{18r^2}$$
$$= \frac{4r}{3}$$

$$\frac{27h}{72h^4}$$
$$= \frac{3}{8h^3}$$

$$\frac{40c}{32c^2}$$
$$= \frac{5}{4c}$$

$$\frac{16s^2}{32s^4}$$
$$= \frac{1}{2s^2}$$

$$\frac{72q^3}{45q}$$
$$= \frac{8q^2}{5}$$

$$\frac{24d^2}{42d^2}$$
$$= \frac{4}{7}$$

$$\frac{54h^3}{45h^5}$$
$$= \frac{6}{5h^2}$$