

Perform the indicated operation.

2.)  $\frac{8x^2}{x-4} \div \frac{8x^2}{16x^4}$

4.)  $\frac{n+5}{10} \div \frac{n+6}{3n+18}$

6.)  $(b+6) \cdot \frac{10b}{2b+12}$

8.)  $\frac{9v^2+15v}{8} \div \frac{9v^2+15v}{7}$

10.)  $\frac{x^2-15x+54}{x^2-14x+48} \div \frac{1}{x-8}$

12.)  $\frac{3x-9}{x-6} \div \frac{x^2-11x+24}{x-6}$

14.)  $\frac{a-4}{a^2-16} \cdot \frac{a^2+5a+4}{a-5}$

16.)  $\frac{k^2-6k-27}{k+1} \cdot \frac{k+1}{4}$

$$18.) \frac{x^2-8x+12}{x^2-16} \div \frac{4x+16}{x^2-4x+4}$$

$$20.) \frac{3m^2-3m-36}{2m^2+8m-10} \div \frac{m^2-m-12}{m^2+3m-10}$$

$$22.) \frac{5m^2-20m-105}{4m^2-16} \div \frac{3m^2-12m-63}{8-2m^2}$$

$$24.) \frac{12x^4y^2}{40a^4b^4} \div \frac{6x^2y^4}{16a^2x}$$

$$26.) \frac{3x^2-17x-6}{4x^2-20x-24} \div \frac{6x^2-7x-3}{2x^3-x-3}$$

$$28.) \frac{\frac{4x^2-1}{3x^3-6x^2-24x}}{\frac{12x^2+12x-9}{-2x^2+5x+12}}$$