

Practice Rational Fraction - 4 Operations

Simplify each expression.

1) $\frac{2n}{5n} \cdot \frac{(n+1)(n-3)}{2n(n-3)}$

2) $\frac{p^2 + 2p - 3}{p - 1} \cdot \frac{5p}{p^2 + 5p + 6}$

3) $\frac{7(r+4)}{7(3r+2)} \div \frac{4r}{4r(3r+2)}$

4) $\frac{8r}{5} \div \frac{6}{3r^2}$

5) $\frac{u-2v}{6v} + \frac{u+2v}{6v}$

6) $\frac{2x}{2x-2} + \frac{4}{x-4}$

7) $\frac{b+3}{b^2+6b+8} - \frac{b+2}{b^2+6b+8}$

8) $\frac{3y}{3xy} - \frac{4y}{4}$