

Simplify

$$\frac{10x(x+5)(x+8)}{2(x-8)(5+x)}$$

Simplify

$$\frac{5 \cancel{10} x (x + \cancel{5}) (x + 8)}{1 \cdot \cancel{2} (x - 8) (\cancel{5} + x)} = \boxed{\frac{5x(x+8)}{x-8}}$$

Simplify

$$\frac{10v^2 + 2v}{20v^3 + 4v^2}$$

Simplify

$$\frac{10v^2 + 2v}{20v^3 + 4v^2} = \frac{1 \cdot \cancel{2}v(5v+1)}{2 \cdot \cancel{4}v^2(5v+1)}$$

$$\frac{v}{2v^2} = \boxed{\frac{1}{2v}}$$

Simplify

$$\frac{7x - 8}{8 - 7x}$$

$$\frac{x - 8}{1 - 8x}$$

Simplify

$$\frac{7x-8}{8-7x} = \frac{7x-8}{-1(-8+7x)} = \frac{\cancel{7x-8}}{-1(\cancel{7x-8})} = \boxed{-1}$$

$$\frac{x-8}{1-8x} = \frac{x-8}{-1(-1+8x)} = \frac{x-8}{-1(8x-1)}$$

cannot simplify