

Simplifying Algebraic Fractions Homework

1) Simplify:

a) $\frac{x + 1}{(x + 1)^2}$

b) $\frac{6(x - 3)}{2(x - 3)^2}$

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

2) Simplify:

a) $\frac{5x - 20}{3x - 12}$

b) $\frac{x + 3}{x^2 - 9}$

3) Simplify:

$$\frac{x^2 - 3x - 28}{2x^2 + 9x + 4}$$

4) Simplify

$$\frac{x^2 - 36}{2x + 3} \div \frac{x + 6}{2x^2 + x - 3}$$

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Mark:

Grade:

I did well at:

To Improve I need to:

Try: