

Quiz 127

Simplify. State any excluded values.

1.
$$\frac{x^2 + 9}{x + 3} + \frac{6x}{x + 3}$$

2.
$$\frac{x + 2}{x} - \frac{x + 5}{x + 3}$$

3.
$$\frac{x}{x^2 - 4} - \frac{2}{x^2 - 4}$$

4.
$$\frac{x + 2}{x - 3} - \frac{x - 2}{x^2 - 5x + 6}$$

5.
$$\frac{3x + 9}{2x^2 + 7x + 3} + \frac{x}{2x + 1}$$