

Unit 9 Review Answers:

1. Explain: Answers will vary Correct Answer: $\frac{x+3}{x-1}$

2. a. $\frac{x}{x-2}$

b. xy

c. $\frac{x+1}{(x+3)(2x+3)}$

d. $\frac{6x}{(x-2)(x-1)}$

e. $\frac{4}{x+3}$

f. $\frac{1}{x-5}$

3. a. $x = 2$ and $x = 1$

b. $a = 2$

c. $x = 6$

d. $x = \frac{3}{2}$ and $x = -4$

e. $x = 15$ and $x = 1$

f. $\frac{a}{b} = \frac{3}{5}$

4. $s = 60$ mph