

Chapter 8 Review 1 Answers
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1.  $\frac{-4}{4x^2 + 6x + 9}$

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

3.  $\frac{7xy}{5}$

4.  $\frac{n+5}{n^2 - 3n + 9}$

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

6.  $\frac{(x-2)(x+1)}{3x(x+2)(x+4)}$

7.  $\frac{1}{x+4}$

8.  $\frac{7x+10}{(x+2)(x+3)}$

9.  $\frac{4}{15}$

10.  $\frac{2(x+3)}{15}$

11.  $\pm 3$

12.  $-3, -1$

13.  $-1$

14.  $\frac{1}{2}$

15.

Average cost =  $\frac{72 + 52x}{x}$

18 months