

Lesson 9.1

1. $\frac{3}{x^2}$
2. $\frac{x-7}{x+7}$
3. $\frac{3x+2}{3x-2}$
4. $\frac{1}{2x^2}$
5. $\frac{x+4}{x-2}$
6. $3x^6$
7. $3x-9$
8. 1
9. $\frac{4}{x^2+2x}$
10. x
11. x^2-x-12
12. $\frac{1}{x^2-5x-50}$
13. $\frac{x-1}{x+1}$
14. $\frac{x^2-3x}{3x-12}$
15. $\frac{2x-1}{x-2}$
16. $\frac{x}{x-3}$
17. $\frac{x+5}{3x+21}$
18. $\frac{3y^3(x-y)}{4x}$

Lesson 9.2

1. $\frac{7x-22}{12}$
2. $\frac{3x-7}{x^3+1}$
3. $\frac{5}{6x}$
4. $\frac{5x-2}{3x^2-12}$
5. $\frac{2x^2+2x+13}{x^2+x-6}$
6. $\frac{16}{x^2-16}$
7. $-\frac{2}{x}$
8. $\frac{x-3}{x+8}$
9. $-\frac{1}{x-5}$
10. $\frac{2x+28}{x-3}$
11. $\frac{4x-1}{x-2}$
12. $\frac{x-3}{2x-1}$
13. $\frac{x^2+3}{x}$