

Extra Practice 12, Sections 6.3 and 6.4

1. 2 2. $\frac{2(x^2 + 3x + 10)}{(x-2)(x+6)}$ 3. $a + 4$ 4. $\frac{-y^2 + 7y}{(y-2)(y+1)(y+3)}$ 5. $\frac{2x-3}{x-1}$ 6.

$\frac{2a-13}{(a-2)(a+2)}$ 7. $\frac{-y-13}{6(y+3)}$ 8. $\frac{2}{a}$ 9. $\frac{x+7}{(x-5)(x+1)}$ 10. $\frac{2}{b+3}$ 11. $\frac{2a-5}{a(a-5)}$ 12.

$\frac{4(y+2)}{(y-7)(y+7)}$ 13. $\frac{3x+1}{x(x+1)}$ 14. $\frac{3b-4}{6b}$ 15. $\frac{4x-3}{x+2}$ 16. $\frac{x-20}{x(x-4)(x+3)}$ 17.

$\frac{2a^2 - 4a - 5}{(a-1)(a+1)}$ 18. $\frac{x+3}{x-5}$ 19. $\frac{-23y-11}{6y}$ 20. $\frac{3x(x-6)}{(x-9)(x+9)}$