

3.1 odd answer key—SM3H

1. $\frac{x-1}{2x-1}$

3. $\frac{x(x+1)(4x-5)}{20(x-5)}$

5. $\frac{3x^2+4x+9}{2}$ or $\frac{3}{2}x^2 + 2x + \frac{9}{2}$

7. -1

9. $\frac{x+7}{x-6}$

11. $\frac{1}{2x+1}$

13. $2x^5$

15. $\frac{2}{x-5}$

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

19. $\frac{(x+2)(x+5)}{3(x-1)}$

21. $\frac{x(5x-3)}{5(x-4)}$

23. $\frac{37}{12}$

25. $\frac{32+5x}{4x}$

27. $\frac{16x+15}{6x}$

29. $\frac{1+i}{2}$