

# Answer Key

1.  $\frac{23}{8}$

2.  $\frac{-22}{21}$

3.  $\frac{1}{9}$

4.  $\frac{6}{5}$

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

6. 92.6

7. 116.2%

8. 47.2

9. \$51.80

10. 9.2%

11. \$56.10

12. 530

13. 43.75%

14. 52%

15. 3.5 hours

16. \$11.73

17. 1806.9

18.  $\frac{6}{25}$

19.  $\frac{1}{63}$

20. 144

21. -1728

22. 9

23. 167.7

24.  $3 = -3$ , no

25.  $\frac{13}{25} > \frac{2}{15}$ , yes

26.  $p > 4(s - 2)$

27. a.  $.05c = 4.00$       b.  $c = 80$

28.  $\frac{-4}{45}$

29. -1.4,  $\frac{-5}{4}$ , -1, 1.5,  $\frac{11}{7}$ , 2

30.  $\frac{11}{4}$

31.  $\frac{-19}{20}$

32.  $8d^3$

33.  $g^3$

34.  $\frac{11}{10}$

35.  $-12w - 21y$

36.  $\frac{3}{2}hk + 6gk$

37.  $\frac{35}{2}k$

38.  $\frac{1}{v}$

39.  $\frac{2}{3}$

40.  $\frac{1}{89}$

41. a.  $\frac{3}{11}$       b.  $\frac{3}{4}$       c.  $\frac{5}{17}$

42.  $x = 14$

43.  $v = -10$

44.  $r = -5$

45.  $p = 121$

46.  $u = 28.97$

47.  $\frac{31}{5}$

48.  $b = \frac{1}{3}$

49.  $m = 14$

50.  $a = 20$