

Answers for Lesson 2-4, pp. 68–69 Exercises

1. 10 2. 15 3. 28
4. $-\frac{1}{4}$ 5. $\frac{1}{2}$ 6. $6\frac{2}{15}$
7. Positive; $51 > 50$, so $\frac{1}{51} < \frac{1}{50}$, and $\frac{1}{50} - \frac{1}{51}$ is positive.
8. $\frac{17}{21}$ 9. $1\frac{3}{40}$ 10. $-\frac{24}{35}$ 11. $1\frac{1}{15}$
12. $\frac{19}{90}$ 13. $-\frac{17}{18}$ 14. $\frac{19}{36}$ 15. $\frac{4}{9}$
16. $\frac{4}{21}$ 17. $\frac{1}{10}$ 18. $\frac{1}{30}$ 19. $-\frac{13}{30}$
20. $4\frac{1}{2}$ 21. $3\frac{1}{6}$ 22. $1\frac{3}{20}$ 23. $-6\frac{3}{8}$
24. $-10\frac{11}{12}$ 25. $3\frac{1}{6}$ 26. $-8\frac{3}{20}$
27. $19\frac{2}{15}$ 28. $\frac{9}{10}$ in. 29. $\frac{2}{5}$
30. 3 in. 31. $2\frac{1}{2}$ 32. $-2\frac{1}{2}$
33. $-\frac{1}{8}$ 34. $\frac{3}{4}$ 35. 8
36. $1\frac{5}{6}$ 37. $\frac{8}{21}$ 38. $2\frac{7}{12}$ in.
39. Answers may vary. Sample: $\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$; $\frac{1}{2+3} = \frac{1}{5}$
40. You can rewrite all of the fractions using the LCD. Then add the integers together and add the fractions together. Simplify.
41. $a - \frac{2}{3}$ 42. C 43. H 44. B
45. $\frac{1}{125}$, 0.8, 0.808, $\frac{22}{25}$ 46. $-2\frac{33}{50}$, -2.6, $-2\frac{3}{50}$, -2.006