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|------------------------------|--------------------|---------------------|
| 1. $\frac{1}{10}$ | 2. $-\frac{1}{5}$ | 3. $-\frac{1}{2}$ |
| 4. $\frac{1}{5}$ | 5. $\frac{1}{8}$ | 6. $\frac{11}{36}$ |
| 7. $\frac{1}{6}$ of the book | 8. $\frac{3}{4}$ | 9. $1\frac{1}{9}$ |
| 10. $1\frac{7}{30}$ | 11. $1\frac{1}{8}$ | 12. $1\frac{5}{24}$ |
| 13. $3\frac{5}{8}$ | 14. $3\frac{1}{2}$ | 15. $2\frac{3}{4}$ |
| 16. 9 | 17. 0 | 18. $5\frac{1}{6}$ |
| 19. $-2\frac{7}{8}$ | | |

20–22. Explanations may vary. Samples are given.

20. Zero; $2\frac{9}{11} - 2\frac{9}{11} = 0$.

21. Negative; $\frac{9}{10} > \frac{1}{2}$, so $\frac{1}{2} - \frac{9}{10} < 0$.

22. Positive; $4\frac{1}{5} < 5\frac{1}{2}$, so $5\frac{1}{2} - 4\frac{1}{5} > 0$.

23. a. $64\frac{1}{4}$ in.
 b. $60\frac{7}{8}$ in.

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|------------------------|-----------------------|----------------------|
| 24. 5 | 25. $-\frac{19}{24}$ | 26. $5\frac{5}{8}$ |
| 27. $-\frac{7}{9}$ | 28. $\frac{23}{24}$ | 29. $-5\frac{5}{18}$ |
| 30. $3\frac{1}{5}$ | 31. $5\frac{5}{8}$ | 32. $-3\frac{3}{8}$ |
| 33. $13\frac{3}{8}$ lb | 34. $4\frac{1}{4}$ lb | 35. 3 |
| 36. 2 | 37. $-\frac{1}{10}$ | |

38. Answers may vary. Sample: Your house plant grows $\frac{1}{2}$ in. in the month after you buy it. If it is 7 in. tall now, how tall was the plant when you bought it? $x = 6\frac{1}{2}$ in.

39. $10\text{ ft}\frac{1}{4}\text{ in.}$