

1.  $\frac{5}{8}$

2.  $\frac{4}{z}$

3.  $\frac{7}{a}$

4.  $\frac{9}{11}$

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

6.  $1\frac{1}{2}$

7.  $-\frac{2}{5}$

8.  $\frac{5}{x}$

9.  $\frac{1}{12}$

10.  $\frac{7}{20}$

11.  $-\frac{7}{20}$

12.  $\frac{30 - 2x}{5x}$

13. 6

14.  $1\frac{5}{8}$

15.  $13\frac{7}{8}$

16.  $6\frac{5}{24}$

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

18.  $3\frac{5}{8}$

19.  $1\frac{1}{6}$

20.  $-\frac{7}{8}$

21.  $3\frac{13}{20}$  h

22-25. Answers may vary. Samples are given.

22. 9

23. 15

24. 48

25. 10

26. A good way to check your work is to see whether your answer is close to your estimate.

27.  $1\frac{7}{8}$  in.

28.  $1\frac{3}{10}$

29.  $\frac{30 - 3n}{10n}$

30.  $\frac{21 + 20d}{30}$

31.  $1\frac{11}{18}$

32.  $1\frac{3}{8}$

33.  $7\frac{2}{5}$

34.  $\frac{x}{2}$

35.  $20\frac{3}{4}$  in

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

37.  $-\frac{29}{198}$

38.  $\frac{9}{98}$

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

40. D

41. H

42. B

43. [2] Yes;  $\frac{3}{4} + \frac{3}{8} = 1\frac{1}{8}$ , and  $1\frac{1}{8}$  oz > 1 oz.

[1] minor error OR answer only

44. [2] Yes;  $5\frac{3}{8} + 2\frac{5}{7} = 8\frac{5}{56}$ , which is greater than 8 mi.

[1] minor error OR answer only