

1. Solve. Convert tenths to hundredths before finding the sum. Rewrite the complete number sentence in decimal form.

$$a. \ 2\frac{1}{10} + \frac{3}{100} = 2\frac{10}{100} + \frac{3}{100} = 2\frac{13}{100}$$

$$2.1 + 0.03 = 2.13$$

$$b. \ 2\frac{1}{10} + 5\frac{3}{100} = 2\frac{10}{100} + 5\frac{3}{100} = 7\frac{13}{100}$$

$$2.1 + 5.03 = 7.13$$

$$c. \ 3\frac{24}{100} + \frac{7}{10} = 3\frac{24}{100} + \frac{70}{100} = 3\frac{94}{100}$$

$$3.24 + 0.7 = 3.94$$

$$d. \ 3\frac{24}{100} + 8\frac{7}{10} = 3\frac{24}{100} + 8\frac{70}{100} = 11\frac{94}{100}$$

$$3.24 + 8.7 = 11.94$$

2. Solve. Then rewrite the complete number sentence in decimal form.

$$a. \ 6\frac{9}{10} + 1\frac{10}{100} = 6\frac{90}{100} + 1\frac{10}{100} = 8$$

$$6.9 + 1.1 = 8$$

$$b. \ 9\frac{9}{10} + 2\frac{45}{100} = 9\frac{90}{100} + 2\frac{45}{100} = 12\frac{35}{100}$$

$$9.9 + 2.45 = 12.35$$

$$c. \ 2\frac{4}{10} + 8\frac{90}{100} = 2\frac{40}{100} + 8\frac{90}{100} = 11\frac{30}{100} = 11\frac{3}{10}$$

$$2.4 + 8.90 = 11.3$$

$$d. \ 6\frac{37}{100} + 7\frac{7}{10} = 6\frac{37}{100} + 7\frac{70}{100} = 14\frac{7}{100}$$

$$6.37 + 7.7 = 14.07$$

3. Solve by rewriting the number sentence in fraction form. After solving, rewrite the complete number sentence in decimal form.

a. $6.4 + 5.3$

$$6\frac{4}{10} + 5\frac{3}{10} = 11\frac{7}{10}$$

$$6.4 + 5.3 = 11.7$$

b. $6.62 + 2.98$

$$6\frac{62}{100} + 2\frac{98}{100} = 9\frac{60}{100}$$

$$\frac{60}{100} + \frac{2}{100}$$

$$6.62 + 2.98 = 9.6$$

c. $2.1 + 0.94$

$$2\frac{10}{100} + \frac{94}{100} = 3\frac{4}{100}$$

$$\frac{6}{100} + \frac{4}{100}$$

$$2.1 + 0.94 = 3.04$$

d. $2.1 + 5.94$

$$2\frac{10}{100} + 5\frac{94}{100} = 8\frac{4}{100}$$

$$\frac{6}{100} + \frac{4}{100}$$

$$2.1 + 5.94 = 8.04$$

e. $5.7 + 4.92$

$$5\frac{70}{100} + 4\frac{92}{100} = 10\frac{62}{100}$$

$$\frac{62}{100} + \frac{8}{100}$$

$$5.7 + 4.92 = 10.62$$

f. $5.68 + 4.9$

$$5\frac{68}{100} + 4\frac{90}{100} = 10\frac{58}{100}$$

$$\frac{58}{100} + \frac{10}{100}$$

$$5.68 + 4.9 = 10.58$$

g. $4.8 + 3.27$

$$4\frac{80}{100} + 3\frac{27}{100} = 8\frac{7}{100}$$

$$\frac{20}{100} + \frac{7}{100}$$

$$4.8 + 3.27 = 8.07$$

h. $17.6 + 3.59$

$$17\frac{60}{100} + 3\frac{59}{100} = 21\frac{19}{100}$$

$$\frac{40}{100} + \frac{19}{100}$$

$$17.6 + 3.59 = 21.19$$