

Name _____

Date _____

1. Solve. Convert tenths to hundredths before finding the sum. Rewrite the complete number sentence in decimal form. Problems 1(a) and 1(b) are partially completed for you.

a. $5\frac{2}{10} + \frac{7}{100} = 5\frac{20}{100} + \frac{7}{100} = \underline{\hspace{2cm}}$ $5.2 + 0.07 = \underline{\hspace{2cm}}$	b. $5\frac{2}{10} + 3\frac{7}{100} = 8\frac{20}{100} + \frac{7}{100} = \underline{\hspace{2cm}}$
c. $6\frac{5}{10} + \frac{1}{100}$	d. $6\frac{5}{10} + 7\frac{1}{100}$

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

a. $4\frac{9}{10} + 5\frac{10}{100}$	b. $8\frac{7}{10} + 2\frac{65}{100}$
c. $7\frac{3}{10} + 6\frac{87}{100}$	d. $5\frac{48}{100} + 7\frac{8}{10}$

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

a. $2.1 + 0.87 = 2\frac{1}{10} + \frac{87}{100}$	b. $7.2 + 2.67$
c. $7.3 + 1.8$	d. $7.3 + 1.86$
e. $6.07 + 3.93$	f. $6.87 + 3.9$
g. $8.6 + 4.67$	h. $18.62 + 14.7$

Answer Key

1. a. $5\frac{27}{100}$; 5.27
b. $8\frac{27}{100}$; $5.2 + 3.07 = 8.27$
c. $6\frac{50}{100} + \frac{1}{100} = 6\frac{51}{100}$; $6.5 + 0.01 = 6.51$
d. $6\frac{50}{100} + 7\frac{1}{100} = 13\frac{51}{100}$; $6.5 + 7.01 = 13.51$
2. a. 10; $4.9 + 5.1 = 10$
b. $11\frac{35}{100}$; $8.7 + 2.65 = 11.35$
c. $14\frac{17}{100}$; $7.3 + 6.87 = 14.17$
d. $13\frac{28}{100}$; $5.48 + 7.8 = 13.28$
3. a. $2\frac{97}{100}$; $2.1 + 0.87 = 2.97$
b. $7\frac{20}{100} + 2\frac{67}{100} = 9\frac{87}{100}$; $7.2 + 2.67 = 9.87$
c. $7\frac{3}{10} + 1\frac{8}{10} = 9\frac{1}{10}$; $7.3 + 1.8 = 9.1$
d. $7\frac{30}{100} + 1\frac{86}{100} = 9\frac{16}{100}$; $7.3 + 1.86 = 9.16$
e. $6\frac{7}{100} + 3\frac{93}{100} = 10$; $6.07 + 3.93 = 10$
f. $6\frac{87}{100} + 3\frac{90}{100} = 10\frac{77}{100}$; $6.87 + 3.9 = 10.77$
g. $8\frac{60}{100} + 4\frac{67}{100} = 13\frac{27}{100}$; $8.6 + 4.67 = 13.27$
h. $18\frac{62}{100} + 14\frac{70}{100} = 33\frac{32}{100}$; $18.62 + 14.7 = 33.32$