

Name: Class:

Inequalities with addition and subtraction

Estimate the sum or differences of the following decimate

a. $46.24 + 17.28$ (round each decimal number to the nearest tenths).

b. $645.29 - 36.8$ (round each decimal number to the nearest whole number).

c. $456.99 - 84.99$ (round each decimal number to the nearest tenths).

c. $77.489 + 62.028$ (round each decimal number to the nearest tenths).

Name: Class:

Inequalities with addition and subtraction

Estimate the sum or differences of the following decimal

- a.
- $46.24 + 17.28$
- (round each decimal number to the nearest tenths).

Let's round each decimal number to the nearest tenths, then add.

$$\begin{array}{r}
 46.24 \longrightarrow 46.20 \\
 17.28 \longrightarrow 17.30 \\
 \hline
 46.20 \\
 + 17.30 \\
 \hline
 63.50
 \end{array}$$

- b.
- $645.29 - 36.8$
- (round each decimal number to the nearest whole number).

$$\begin{array}{r}
 645.29 \longrightarrow 645 \\
 36.80 \longrightarrow 37 \\
 \hline
 645 \\
 + 37 \\
 \hline
 608
 \end{array}$$

- c.
- $456.99 - 84.99$
- (round each decimal number to the nearest tenths).

$$\begin{array}{r}
 456.99 \longrightarrow 457.0 \\
 84.99 \longrightarrow 62.030 \\
 \hline
 457.0 \\
 + 62.030 \\
 \hline
 139.520
 \end{array}$$

- c.
- $77.489 + 62.028$
- (round each decimal number to the nearest tenths).

$$\begin{array}{r}
 456.99 \longrightarrow 457.0 \\
 84.99 \longrightarrow 62.030 \\
 \hline
 457.0 \\
 + 62.030 \\
 \hline
 139.520
 \end{array}$$