

Name

Independent Practice

Round each decimal to the nearest one. Then add or subtract.

3. $10.08 + 5.6 =$ _____

4. $10.4 + 32.8 =$ _____

5. $\$42.01 - \$5.92 =$ _____

6. $75.2 + 82.3 =$ _____

7.
$$\begin{array}{r} 1.509 \\ + 3.106 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 8.058 \\ - 3.181 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 3.872 \\ + 1.249 \\ \hline \end{array}$$

Round each decimal to the nearest ten. Then add or subtract.

10. $23.78 + 10.45 =$ _____

11. $83.69 - 55.41 =$ _____

12.
$$\begin{array}{r} 37.58 \\ - 21.25 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 32.56 \\ + 6.7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 25.21 \\ - 12.47 \\ \hline \end{array}$$



Problem Solving

Solve Exercises 15–17 by rounding to the nearest one.

15. The weights of Marisa and Toni's televisions are shown in the table. About how much more does Marisa's television weigh than Toni's?

| Student | Television Weight (lb) |
|---------|------------------------|
| Marisa | 52.7 |
| Toni | 43.9 |

16. **Mathematical PRACTICE 4** **Model Math** Sophia has \$20. She buys a hair band for \$3.99, gum for \$1.29, and a brush for \$6.75. Not including tax, estimate how much change she should receive. Show your work.

17. Malcolm buys a taco for \$1.79 and milk for \$1.29. About how much money does he spend? Show your work.

HOT Problems

18. **Mathematical PRACTICE 3** **Find the Error** Kim wants to estimate $5.494 + 1.108$ by first rounding to the nearest hundredth. Find her mistake and correct it.

$$\begin{array}{r} 5.494 \\ + 1.108 \\ \hline \end{array} \quad \begin{array}{l} \longrightarrow \\ \longrightarrow \end{array} \quad \begin{array}{r} 5.50 \\ + 1.11 \\ \hline \end{array}$$

19. **Building on the Essential Question** When is estimating an effective tool?



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