

**3-5****Practice: Skills*****Adding and Subtracting Decimals***

Add or subtract.

1. 
$$\begin{array}{r} 0.581 \\ + 11 \\ \hline \end{array}$$

2. 
$$\begin{array}{r} 4.78 \\ + 6 \\ \hline \end{array}$$

3. 
$$\begin{array}{r} 9.6 \\ + 5.2 \\ \hline \end{array}$$

4. 
$$\begin{array}{r} 7.8 \\ - 4.3 \\ \hline \end{array}$$

5. 
$$\begin{array}{r} 16.79 \\ - 0.51 \\ \hline \end{array}$$

6. 
$$\begin{array}{r} 1.02 \\ - 0.38 \\ \hline \end{array}$$

7. 
$$\begin{array}{r} 20.1 \\ + 3.2 \\ \hline \end{array}$$

8. 
$$\begin{array}{r} 0.86 \\ + 0.38 \\ \hline \end{array}$$

9. 
$$\begin{array}{r} 3.84 \\ + 2.69 \\ \hline \end{array}$$

10. 
$$\begin{array}{r} 4.17 \\ - 2.58 \\ \hline \end{array}$$

11. 
$$\begin{array}{r} 47.06 \\ - 38.27 \\ \hline \end{array}$$

12. 
$$\begin{array}{r} 96.293 \\ - 68.501 \\ \hline \end{array}$$

Add or subtract.

13.  $8.5 + 0.5$

14.  $8.3 + 7.9$

15.  $5.21 + 4 + 0.2$

16.  $3.4 + 3.2 - 6$

17.  $0.485 + 9.32$

18.  $362 - 145.9$

19.  $19.4 - 7.86$

20.  $4 + 8.5 + 2$

21.  $8.3 + 5.41 + 3.2$

22. ALGEBRA Evaluate  $b - a$  if  $a = 113.04$  and  $b = 241.931$ .

23. ALGEBRA Evaluate  $x + y$  if  $x = 2.057$  and  $y = 16.3$ .

Find the value of each expression.

24.  $3.4 - 2 + 6$

25.  $16.9 - 2^2$

26.  $7 + 2.3 - 5.8$

**3-5****Practice: Word Problems*****Adding and Subtracting Decimals***

<p><b>1. MICE</b> The average length of the head and body of a western harvest mouse is 2.9 inches. The average length of the tail is 2.8 inches. First, estimate the total length of the mouse. Then find the actual total length.</p>	<p><b>2. MUSIC</b> A piano solo on a CD is 5.33 minutes long. A guitar solo is 9.67 minutes long. How much longer is the guitar solo than the piano solo? First estimate the difference. Then find the actual difference.</p>
<p><b>3. WHALES</b> The average length of a humpback whale is 13.7 meters. The average length of a killer whale is 6.85 meters. How much longer is the humpback whale than the killer whale?</p>	<p><b>4. GARDENING</b> Alan is connecting three garden hoses to make one longer hose. The green hose is 6.25 feet long, the orange hose is 5.755 feet long, and the black hose is 6.5 feet long. First, estimate the total length. Then find the actual total length.</p>
<p><b>5. ASTRONOMY</b> Distance in space can be measured in astronomical units, or AU. Jupiter is 5.2 AU from the Sun. Pluto is 39.223 AU from the Sun. How much closer to the Sun is Jupiter than Pluto?</p>	<p><b>6. ALGEBRA</b> It is <math>x</math> miles from James City to Huntley and <math>y</math> miles from Huntley to Grover. How many miles is it from James City to Grover? To find out, evaluate <math>x + y</math> if <math>x = 4.23</math> and <math>y = 16.876</math>.</p>