

**Lesson 2-6 Add and Subtract Decimals**

Write and explain how to add and subtract decimals.

**Problem 1** Add and subtract decimals. Write the sum or difference. Show your work.

$1.15 + 0.7 = t$

$$\begin{array}{r} 1.15 \\ + 0.70 \\ \hline 1.85 \end{array}$$

$t = 1.85$  m long

**Check:**  $1.15 - 0.7 = l$

$$\begin{array}{r} 1.15 \\ - 0.70 \\ \hline 0.45 \end{array}$$

$l = 0.45$  m long

**How Can You Add or Subtract Decimals?**

Read and discuss the problems. Write each sum or difference.

**Problem 1** Add and subtract decimals. Write the sum or difference.

$51.7 + 0.79 = t$

$$\begin{array}{r} 51.70 \\ + 0.79 \\ \hline 52.49 \end{array}$$

$t = 52.49$  sec.

**Guided Practice**

**Do You Understand?**

1.  $1.2 + 0.8 = 2.0$

2.  $1.5 - 0.7 = 0.8$

**Do You Know How?**

3.  $1.2 + 0.8 = 2.0$

4.  $1.5 - 0.7 = 0.8$

**Independent Practice**

11.  $2.7 + 0.8 = 3.5$

12.  $4.3 + 0.6 = 4.9$

13.  $1.1 + 0.9 = 2.0$

14.  $4.81 + 0.19 = 5.0$

15.  $5.07 - 0.40 = 4.67$

16.  $5.79 - 0.29 = 5.50$

17.  $9.2 - 0.45 = 8.75$

18.  $14 + 0.8 = 14.8$

19.  $80.91 - 20.7 = 60.21$

20.  $8.61 + 2.4 = 11.01$

21.  $27 + 0.18 = 27.18$

22.  $8.86 - 0.9 = 7.96$

23.  $8.02 + 16 = 24.02$

24.  $29.51 + 12.2 = 41.71$

**Math Practices and Problem Solving**

**Problem 21** Write a number sentence for each problem.

**Problem 22** Write a number sentence for each problem.

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**Problem 100** Write a number sentence for each problem.

⑤  $2.57 + 7.7 = x$

$$\begin{array}{r} 2.57 \\ + 7.70 \\ \hline 10.27 \end{array}$$

$3 \times 8 \approx 24$

⑧  $15 - 6.01 = n$

$$\begin{array}{r} 15.00 \\ - 6.01 \\ \hline 8.99 \end{array}$$

Complete 19, 24, 29, & 31

19.  $46.91 - 28.7 = r$

$$\begin{array}{r} 46.91 \\ - 28.70 \\ \hline 18.21 \end{array}$$

$50 - 30 \approx 20$

②④  $219.51 + 127.2 + 2.49$

$$\begin{array}{r} 219.51 \\ 127.20 \\ 2.49 \\ \hline 349.20 \end{array}$$

$220 + 130 + 2 = 352$

29. ①  $10.1 \text{ Km} + 2.7 \text{ Km}$

$$\begin{array}{r} 10.1 \\ + 2.7 \\ \hline 12.8 \text{ Km} \end{array}$$

②  $12.8 - 12.6$

$$\begin{array}{r} 12.8 \\ - 12.6 \\ \hline 0.2 \text{ Km farther} \end{array}$$

C.  $12.8 + 12.6 = 25.4$

$25.4 - 22.9 = 2.5$

**2.5 Km farther**

- A.  $4.05 + 4.25 = 8.30$
- B.  $0.09 + 12.00 = 12.09$
- C.  $0.11 + 12.11 = 12.22$
- D.  $19.9 + 0.6 = 20.5$
- E.  $8.30 + 2.00 = 10.30$
- F.  $6.01 + 0.01 = 6.02$