

Example 1 Add. $7.578 + 6.3$

Step 1 Line up the decimal points. If it is necessary, add a decimal point and ending zeros so that all addends have the same number of places.

$$\begin{array}{r} 7.587 \\ + 6.300 \\ \hline \end{array}$$

Write 6.3 as 6.300.

Step 2 Add.

$$\begin{array}{r} 7.587 \\ + 6.300 \\ \hline 13.887 \end{array}$$

Answer: 13.887**Set A** Add.

1. $\begin{array}{r} 40.7 \\ + 26.27 \\ \hline \end{array}$

2. $\begin{array}{r} 48.8 \\ + 13.709 \\ \hline \end{array}$

3. $\begin{array}{r} 1.19 \\ + 9.186 \\ \hline \end{array}$

4. $\begin{array}{r} 5.9 \\ + 4.48 \\ \hline \end{array}$

5. **Solve.** A local middle school plans to buy new computers for \$1,200 each. How much will it cost the school to buy 23 computers?

6. $\begin{array}{r} 2.607 \\ + 3.5 \\ \hline \end{array}$

7. $\begin{array}{r} 7.52 \\ + 2.708 \\ \hline \end{array}$

8. $\begin{array}{r} 45.8 \\ + 43.891 \\ \hline \end{array}$

9. $\begin{array}{r} 4.74 \\ + 7.899 \\ \hline \end{array}$

10. **Solve.** On the first day of track practice, James ran 1.25 kilometers, Dan ran 1.8 kilometers, and Kyle ran 2.78 kilometers. How many kilometers did they run altogether?



Example 2 Add. $4 + 10.848$

$$\begin{array}{r} 4.000 \\ + 10.848 \\ \hline 14.848 \end{array}$$

Add a decimal point and zeros.

Answer: 14.848

Set B Add.

1. $\begin{array}{r} 47.2 \\ + 17.199 \\ \hline \end{array}$

2. $\begin{array}{r} 11.7 \\ + 35.52 \\ \hline \end{array}$

3. $\begin{array}{r} 6.11 \\ + 5.366 \\ \hline \end{array}$

4. $\begin{array}{r} 6.8 \\ + 5.68 \\ \hline \end{array}$

5. **Solve.** In the 2-candidate election for class president, Jan received 347 votes and Carl received 315 votes. How many students voted in the election?

6. $\begin{array}{r} 2.648 \\ + 3.7 \\ \hline \end{array}$

7. $\begin{array}{r} 1.882 \\ + 4.87 \\ \hline \end{array}$

8. $\begin{array}{r} 11.3 \\ + 15.333 \\ \hline \end{array}$

9. $\begin{array}{r} 18.8 \\ + 25.899 \\ \hline \end{array}$

10. **Solve.** The corner restaurant cooked about 18 pounds of pasta a day Monday through Thursday, and 25 pounds a day from Friday through Sunday. How many pounds of pasta did they cook in 1 week?

Set C Add.

1. $\begin{array}{r} 38.691 \\ + 27.3 \\ \hline \end{array}$

2. $\begin{array}{r} 45.3 \\ + 16.626 \\ \hline \end{array}$

3. $\begin{array}{r} 4.2 \\ + 1.84 \\ \hline \end{array}$

4. $\begin{array}{r} 2.1 \\ + 8.795 \\ \hline \end{array}$

5. **Solve.** Sally went to sleep at 11 P.M. She woke up the next morning at 7:45 A.M. How many hours did she sleep?

6. $\begin{array}{r} 9.902 \\ + 9.5 \\ \hline \end{array}$

7. $\begin{array}{r} 5.926 \\ + 6.52 \\ \hline \end{array}$

8. $\begin{array}{r} 25.2 \\ + 12.77 \\ \hline \end{array}$

9. $\begin{array}{r} 34.8 \\ + 15.18 \\ \hline \end{array}$

10. **Solve.** George started to do his weekly run of 12 miles. After running $\frac{2}{3}$ of the way, he met a friend and decided to go play ball with him. How many miles did he complete?

Set A



1.	66.97
2.	62.509
3.	10.376
4.	10.38
5.	\$27,600
6.	6.107
7.	10.228
8.	89.691
9.	12.639
10.	5.83 kilometers

Set B

1. 64.399

2. 47.22

3. 11.476

4. 12.48

5. 662 students

6. 6.348

7. 6.752

8. 26.633

9. 44.699

10. 147 pounds

SET C

1. 65.991

2. 61.926

3. 6.04

4. 10.895

5. $8\frac{3}{4}$ hours, or 8 hours 45 minutes

6. 19.402

7. 12.446

8. 37.97

9. 49.98

10. about 8 miles