



SKILL 6: Adding Decimals

When you add decimals, first line up the decimal points and put the decimal point in the answer. Annex zeros, if necessary so each decimal has the same number of decimal places. Then add.

Example

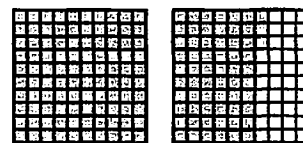
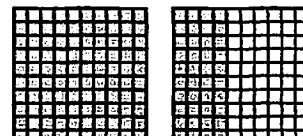
Add: $1.4 + 1.63$.

Line up the decimal points. Put the decimal point in the answer.

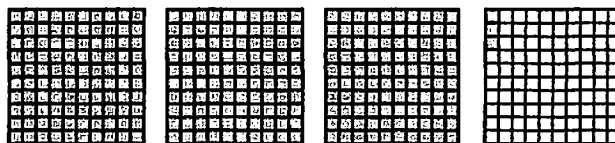
$$\begin{array}{r} \downarrow \\ 1.4 \\ + 1.63 \\ \hline . \end{array}$$

Write 1.4 in hundredths. Then add, beginning with the hundredths.

$$\begin{array}{r} 1 \\ 1.40 \\ + 1.63 \\ \hline 3.03 \end{array}$$



The sum of 1.4 and 1.63 is 3.03.
The model shows this sum.



Guided Practice

Add.

1. $0.059 + 0.6$

Line up the decimal points.
Put the decimal point in the answer.

$$\begin{array}{r} \downarrow \\ 0.059 \\ + 0.600 \\ \hline . \end{array}$$

Annex zeros to show thousandths.
Then add.

2. $1.2 + 0.23 + 4$

Line up the decimal points.
Put the decimal point in the answer.

$$\begin{array}{r} \downarrow \\ 1.20 \\ 0.23 \\ + 4.00 \\ \hline . \end{array}$$

Annex zeros to show hundredths.
Then add.

3. $0.6 + 0.7$

$$\begin{array}{r} \square \\ 0.6 \\ + 0.7 \\ \hline \square.\square \end{array}$$

Add the tenths.
6 tenths + 7 tenths = 13 tenths.
Rename as 1 and 3 tenths.
Add the ones.

4. $3.05 + 2.09$

$$\begin{array}{r} \square \\ 3.05 \\ + 2.09 \\ \hline \square.\square\square \end{array}$$

5. $\begin{array}{r} 2.026 \\ + 0.42 \\ \hline \end{array}$

6. $\begin{array}{r} 0.713 \\ + 3.8 \\ \hline \end{array}$

7. $\begin{array}{r} 6 \\ + 8.21 \\ \hline \end{array}$

8. $\begin{array}{r} 6.75 \\ + 15.33 \\ \hline \end{array}$

9. $1.073 + 9.4 = \underline{\hspace{2cm}}$

10. $14.72 + 27 + 0.629 = \underline{\hspace{2cm}}$

SKILL 6: Practice**Add.**

1.
$$\begin{array}{r} 0.6 \\ + 0.3 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 0.9 \\ + 0.7 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 2.9 \\ + 0.8 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 1.08 \\ + 0.06 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 6.4 \\ + 9.8 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 82.07 \\ + 3.2 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 8.37 \\ + 1.98 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 1.02 \\ + 0.876 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 42.9 \\ + 7.463 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 1.806 \\ + 4.29 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 10.8 \\ + 12 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 13.8 \\ + 8.6 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 75.452 \\ + 82.7 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 13.06 \\ + 3.904 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 6.256 \\ + 1.498 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 43.007 \\ + 18.404 \\ \hline \end{array}$$

17. $0.5 + 0.5 = \underline{\hspace{2cm}}$

18. $2.05 + 5.08 = \underline{\hspace{2cm}}$

19. $50.5 + 8.176 = \underline{\hspace{2cm}}$

20. $17.84 + 9.217 = \underline{\hspace{2cm}}$

21. $0.6 + 9.75 + 11 = \underline{\hspace{2cm}}$

22. $18.20 + 43.39 = \underline{\hspace{2cm}}$

23. $0.25 + 4.086 = \underline{\hspace{2cm}}$

24. $1.75 + 2.39 + 6.56 = \underline{\hspace{2cm}}$

25. $8.91 + 11.4 + 0.006 = \underline{\hspace{2cm}}$

26. $3.618 + 4.021 + 9 = \underline{\hspace{2cm}}$

Solve.

The times for two teams in a 400-meter relay are shown in the table.

27. What was the total time for Team A? _____

28. What was the total time for Team B? _____

29. Which team won the relay? _____

| 400-Meter Relay | | |
|-----------------|-----------|-----------|
| Team | 1st 200 m | 2nd 200 m |
| Team A | 2.92 min | 4.01 min |
| Team B | 3.00 min | 3.95 min |

30. Add: $4.055 + 16.2$.

Skill 6

A 5.675

C 4.217

B 20.255

D 10.255

31. Round 5.872 to the nearest tenth.

Skill 4

F 5

H 5.8

G 5.9

J 5.87