



SKILL 7: Subtracting Decimals

When you subtract 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 subtract.

Example 1

Subtract: $30.07 - 4.9$.

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

$$\begin{array}{r} 30.07 \\ - 4.90 \\ \hline .7 \end{array}$$

Since $9 > 0$, you need to rename before you can subtract the tenths. Rename 3 tens as 2 tens and 10 ones.

$$\begin{array}{r} 2\ 10 \\ \cancel{3}\ 0.07 \\ - 4.90 \\ \hline .7 \end{array}$$

Rename 10 ones as 9 ones and 10 tenths. Then finish subtracting, beginning with the tenths.

$$\begin{array}{r} 2\ 9\ 10 \\ \cancel{3}\ 0.07 \\ - 4.90 \\ \hline 25.17 \end{array}$$

$$30.07 - 4.9 = 25.17.$$

Guided Practice

Subtract.

1. $1.006 - 0.8$

Line up the decimal points.
Put the decimal point in the answer.
Annex zeros to show thousandths.

$$\begin{array}{r} \square \square \\ \downarrow \\ 1.006 \\ - .8\square\square \\ \hline \square.\square\square\square \end{array}$$

Subtract the thousandths and hundredths. When you subtract the tenths, first rename 1 one as 0 ones and 10 tenths.

2. $74 - 13.49$

Line up the decimal points.
Put the decimal point in the answer.
Annex zeros to show hundredths.

$$\begin{array}{r} \square\square\square \\ \downarrow \\ 74.\square\square \\ - 13.49 \\ \hline \square\square.\square\square \end{array}$$

Before you subtract the hundredths, rename 4 ones as 3 ones and 10 tenths. Rename 10 tenths as 9 tenths and 10 hundredths. Then subtract.

3. $\begin{array}{r} 6.27 \\ - 0.94 \\ \hline \end{array}$

4. $\begin{array}{r} 7.00 \\ - 4.55 \\ \hline \end{array}$

5. $\begin{array}{r} 18.63 \\ - 12.65 \\ \hline \end{array}$

6. $\begin{array}{r} 5 \\ - 4.12 \\ \hline \end{array}$

7. $9 - 6.84 = \underline{\hspace{2cm}}$

8. $50.87 - 4.271 = \underline{\hspace{2cm}}$

9. $2.3 - 2.24 = \underline{\hspace{2cm}}$

10. $10 - 1.1 = \underline{\hspace{2cm}}$

SKILL 7: Practice**Subtract.**

1.
$$\begin{array}{r} 9.8 \\ - 7.8 \\ \hline \end{array}$$

2.
$$\begin{array}{r} 47.09 \\ - 36 \\ \hline \end{array}$$

3.
$$\begin{array}{r} 8.25 \\ - 6.62 \\ \hline \end{array}$$

4.
$$\begin{array}{r} 65.42 \\ - 41.6 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 3.421 \\ - 0.409 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 9.3 \\ - 4.546 \\ \hline \end{array}$$

7.
$$\begin{array}{r} 62.04 \\ - 29.004 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 18.902 \\ - 6.604 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 15.306 \\ - 8.73 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 14.3 \\ - 3.429 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 63.48 \\ - 53.7 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 37.49 \\ - 33.922 \\ \hline \end{array}$$

13. $16 - 15.86 = \underline{\hspace{2cm}}$

14. $21 - 3.38 = \underline{\hspace{2cm}}$

15. $91.96 - 90.97 = \underline{\hspace{2cm}}$

16. $12.004 - 4.873 = \underline{\hspace{2cm}}$

17. $49.071 - 20 = \underline{\hspace{2cm}}$

18. $18.20 - 9.54 = \underline{\hspace{2cm}}$

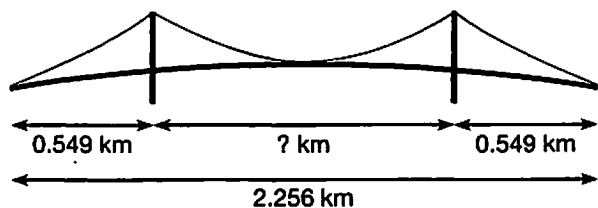
19. $74 - 15.473 = \underline{\hspace{2cm}}$

20. $52 - 6.091 = \underline{\hspace{2cm}}$

Solve.

21. You buy a CD for \$12.99. You pay with a \$20 bill. How much change should you get back? _____

22. The diagram shows the total length of the Mackinac Bridge, including the two approaches. What is the length of the main (middle) span of the bridge?



23. Subtract: $3.04 - 0.266$.

A 3.264

C 2.786

B 2.774

D 0.78

Skill 7

24. Estimate $13.455 + 59.845$. Round to the nearest whole number.

F 73

H 72

G 47

J 73.3

Skill 5