

The basic skills you'll review on this page will help prepare you for the next chapter.

Maintaining Skills

EXAMPLE 1 Add and Subtract Decimals

Add 3.52 and 12.698.

Solution

$$\begin{array}{r} \\ 3 5 0 \\ + 12 6 8 \\ \hline 16 2 8 \end{array}$$

Line up decimals.
Write a zero in the thousandths place.
Add columns from right to left.

Subtract 8.28 and 4.095.

Solution

$$\begin{array}{r} \\ 8 2 0 \\ - 4 0 5 \\ \hline 4 1 5 \end{array}$$

Line up decimals.
Write a zero in the thousandths place.
Borrow from the left and subtract from right to left.

Try These

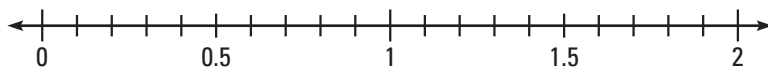
Add or Subtract.

1. $2.3 + 0.4$
2. $3.5 - 2.1$
3. $8.75 + 3.35$
4. $10.6 - 2.6$
5. $3.006 + 2.8$
6. $4.25 - 0.08$
7. $3.99 + 0.254$
8. $6.2 - 0.17$
9. $123.5 + 32.3$
10. $32.8 - 12.21$
11. $0.09 + 0.9$
12. $17.0 - 16.5$

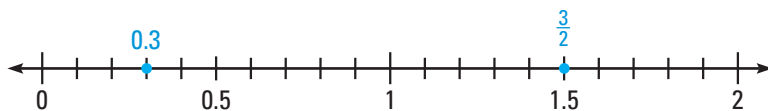
EXAMPLE 2 Use a Number Line

Plot 0.3 and $\frac{3}{2}$ on a number line.

Solution Begin by writing the fraction as a decimal, $\frac{3}{2} = 1.5$. Draw a number line. Mark equally spaced tick marks to represent a distance of 0.1 on the number line. Label several numbers as shown.



Plot 0.3 and $\frac{3}{2}$ by marking a solid dot on the number line.



Student Help

EXTRA EXAMPLES



More examples and practice exercises are available at www.mcdougallittell.com

Try These

Draw a number line and plot the numbers.

13. $\frac{9}{10}$
14. $\frac{1}{2}$
15. $\frac{11}{10}$
16. $\frac{4}{5}$
17. 0.2
18. 1.7
19. 0.4
20. 1.9