

STUDY LINK
7•9

Addition and Subtraction Problems



Solve each problem. Be careful. Some problems involve addition, and some involve subtraction.

Reminder:

To subtract a number, you can add the opposite of that number.



1. $-25 + (-16) = \underline{\hspace{2cm}}$

2. $0 - (-43) = \underline{\hspace{2cm}}$

3. $-4 - (-4) = \underline{\hspace{2cm}}$

4. $-4 - 4 = \underline{\hspace{2cm}}$

5. $29 - (-11) = \underline{\hspace{2cm}}$

6. $9 - (-11) = \underline{\hspace{2cm}}$

7. $-100 + 15 = \underline{\hspace{2cm}}$

8. $10 - 10.5 = \underline{\hspace{2cm}}$

9. $4\frac{1}{2} + (-2\frac{1}{2}) = \underline{\hspace{2cm}}$

10. $10 - \underline{\hspace{2cm}} = 20$

- 11.** For each temperature change in the table, two number models are shown in the Temperature after Change column. Only one of the number models is correct. Cross out the incorrect number model. Then complete the correct number model.

Temperature before Change	Temperature Change	Temperature after Change	
40°	up 7°	$40 + 7 = \underline{\hspace{2cm}}$	$40 + (-7) = \underline{\hspace{2cm}}$
10°	down 8°	$10 - (-8) = \underline{\hspace{2cm}}$	$10 - 8 = \underline{\hspace{2cm}}$
-15° (15° below zero)	up 10°	$-15 + 10 = \underline{\hspace{2cm}}$	$15 + 10 = \underline{\hspace{2cm}}$
-20° (20° below zero)	down 10°	$-20 - 10 = \underline{\hspace{2cm}}$	$20 - (-10) = \underline{\hspace{2cm}}$

Practice

Find the number that each variable represents.

12. $684 * 96 = u$ _____ **13.** $69 \div e = 23$ _____

14. $32.486 - 1.645 = w$ _____ **15.** $9.45 - m = 3.99$ _____