

Subtracting Integers

P 8-6

Draw a number line or use the rules for subtracting integers to find each difference.

1. $-14 - (-14) =$ _____

2. $-9 - 10 =$ _____

3. $-15 - (-18) =$ _____

4. $-3 - (-12) =$ _____

5. $-5 - (-4) =$ _____

6. $-7 - 2 =$ _____

Algebra Evaluate each expression for $t = -9$.

7. $64 - t =$ _____

8. $t - (-7) =$ _____

9. $4 - t - 10 =$ _____

In football, the number of yards a team carries the ball is sometimes a negative number. The table shows the number of yards the Panthers and Wildcats carried the ball in a game.

Total Yards

Team	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Panthers	30	15	-8	-25
Wildcats	-2	-10	102	27

10. What is the difference between the greatest and least number of yards the Panthers carried the ball? _____

11. How many more yards did the Wildcats carry the ball in the 4th quarter than the Panthers?

Test Prep

12. Which is the value of t if $t - (-10) = -8$?

A. -18

B. -2

C. 2

D. 18

13. **Writing in Math** Explain how you would solve $-8 - (-6)$ using a number line.
