## LESSON Addition and Subtraction Equations 12-2

Practice and Problem Solving: D

Solve each equation. Graph the solution on the number line. The first one is done for you.

1. $5 = r - 1$ 5 = r - 1 $\frac{+1 + 1}{6 = r}$	r = <u>6</u>	<pre> &lt;                                     </pre>
2. $2 = w + 3$	W =	<hr/> -5 -4 -3 -2 -1 0 1 2 3 4 5
3. $5 = m + 2$	<i>m</i> =	<+ + + + + + + + + + + + + + + + + + +
4. $t - 5 = 0$	t =	

## Use the drawings at the right for Exercises 5–6. The first one has been done for you.

5. Write an equation to represent the measures of the angles.

x + 100 = 180

and write the answer to your problem.

9.

- 6. Solve the equation to find the measure of the unknown angle.
- 7. Mayumi has the boxes shown at the right. The total number of objects in two of the boxes is the same as the number of objects in the third box. Write an equation to show the relationship of the number of objects in the boxes.

8. How many objects are in the box marked *n*? objects

Write a problem for the equation x - 5 = 2. Then solve the equation



