

**2.5****Challenge Practice**

For use with pages 90–95

**Solve the equation. Check your solution.**

1.  $359 = n - 214$

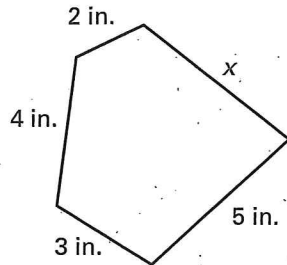
2.  $r + 204 = -89$

3.  $-4 + c + 7 = -12$

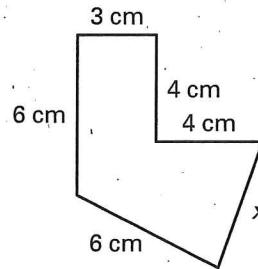
4.  $6 = 19 + z - 15$

**Find the value for  $x$  for the given figure.**

5. Perimeter = 19 inches



6. Perimeter = 28 centimeters



7. You went to the video store and rented 4 video games for \$3.25 each. At the checkout, you received \$2 in change. How much money did you give the cashier?
8. You and your brother drove to visit your cousin in another city. You drove for 2.5 hours then stopped for lunch. Then you drove for another 4.5 hours before reaching your cousin's house. If the trip took a total of 8.5 hours, how long did you stop for lunch? If you left your home at 9:30 A.M., when did you arrive at your cousin's house?
9. Write an equation that has the same solution as  $-15 + x = 24$  and has  $x + 7$  as its left-hand side.