

**8-3****Skills Practice****Writing Two-Step Equations**

Translate each sentence into an equation. Then find each number.

1. Four more than twice a number is 8.
2. Three more than four times a number is 15.
3. Five less than twice a number is 7.
4. One less than four times a number is 11.
5. Seven more than the quotient of a number and 2 is 10.
6. Six less than six times a number is 12.
7. Five less than the quotient of a number and 3 is  $-7$ .
8. Seven more than twice a number is 1.
9. The difference between 5 times a number and 3 is 12.
10. Nine more than three times a number is  $-6$ .
11. Nine more than the quotient of a number and 4 is 12.
12. Four less than the quotient of a number and 3 is  $-10$ .
13. Nine less than six times a number is  $-15$ .
14. Three less than the quotient of a number and 6 is 1.
15. Eight more than the quotient of a number and 5 is 3.
16. The difference between twice a number and 11 is  $-23$ .