

**Skills Practice****Inequalities**

Determine which number is a solution of the inequality.

1.  $18 + a > 21$ ; 2, 3, 4

2.  $24 - x \leq 19$ ; 3, 4, 5

3.  $7 + r \geq 18$ ; 11, 10, 9

4.  $9 - h > 2$ ; 6, 7, 8

5.  $32 - n \leq 17$ ; 13, 14, 15

6.  $16 + j \geq 29$ ; 13, 12, 11

7.  $10 - f < 7$ ; 2, 3, 4

8.  $52 + q < 56$ ; 5, 4, 3

Is the given value a solution of the inequality?

9.  $2 + s \geq 10$ ;  $s = 7$

10.  $14 - r < 9$ ;  $r = 6$

11.  $j - 11 \geq 20$ ;  $j = 32$

12.  $t + 6 > 40$ ;  $t = 35$

13.  $16 + m > 40$ ;  $m = 16$

14.  $9x \geq 80$ ;  $x = 9$

15.  $15 \leq 3z$ ;  $z = 4$

16.  $2n > 26$ ;  $n = 5$