

# What Is The First Thing You Should Do To Become a Mattress Maker?

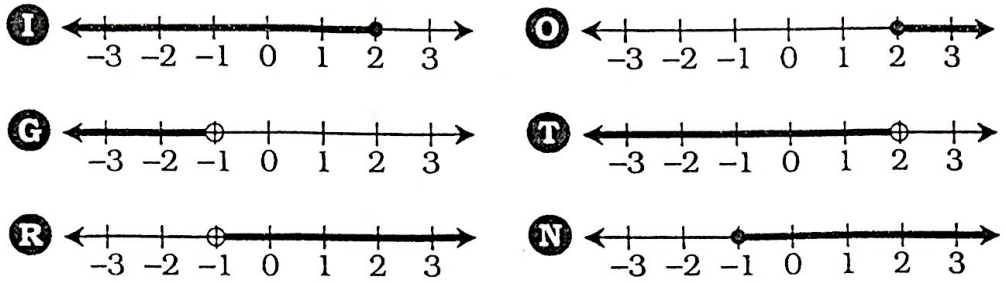
Key

For each exercise, write the letter of the answer in the box containing the number of the exercise.

In Exercises 1-6, match the inequality with its graph.

T  
H  
R  
Z  
S  
O

- 1  $x < 2$
- 2  $x \leq 2$
- 3  $x > -1$
- 4  $x \geq -1$
- 5  $-1 > x$   $x < -1$
- 6  $2 \leq x$   $x \geq 2$



In Exercises 7-18, solve the inequality. Then graph the solution.

I  
S

7  $3n + 1 < 10$

$\frac{3n}{3} < \frac{9}{3}$   
 $n < 3$

9  $4y + 7 \leq 3$

$4y \leq -4$   
 $y \leq -1$

11  $\frac{x}{2} + 15 < 16$

$\frac{x}{2} < 1$   
 $x < 2$

13  $\frac{4}{9} - 4 \leq -4$

$\frac{4}{9} \leq 0$   
 $4 \leq 0$

15  $17 \leq 5b + 2$

$15 \leq 5b$   
 $3 \leq b$  or  $b \geq 3$

17  $-6 \geq \frac{x}{6} - 7$

$6 \geq \frac{x}{6}$   
 $6 \geq x$  or  $x \leq 6$

8  $5a - 2 \geq 8$

$5a \geq 10$   
 $a \geq 2$

10  $9k - 2 > -20$

$9k > -18$   
 $k > -2$

12  $\frac{d}{3} - 8 \geq -10$

$\frac{d}{3} \geq -2$   
 $d \geq -6$

14  $6p - 15 < 33$

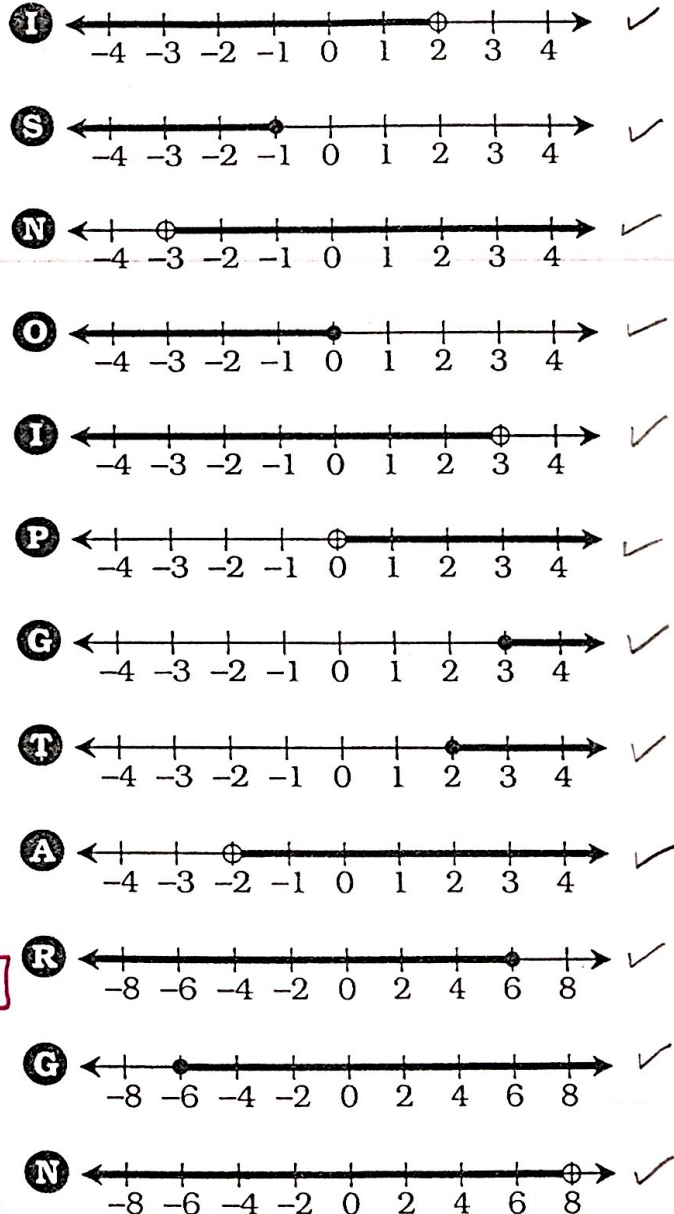
$6p < 48$   
 $p < 8$

16  $-23 < 8y + 1$

$-24 < 8y$   
 $-3 < y$  or  $y > -3$

18  $5 < \frac{m}{12} + 5$

$0 < \frac{m}{12}$   
 $0 < m$  or  $m > 0$



15 G 6 O 1 T 13 S 9 P 18 R 3 I 11 N 14 G 5 T 8 R 17 A 10 I 2 N 16 I 7 N 4 I 12 N