# Lesson 7 Skills Practice - *Solve One-Step Inequalities*
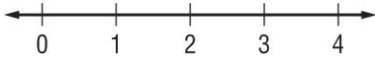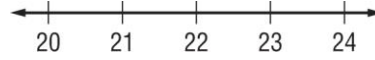
**Solve each inequality. Graph the solution on a number line.**
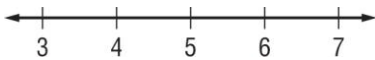
**1.** $8x > 16$

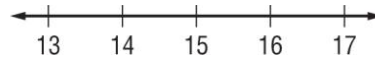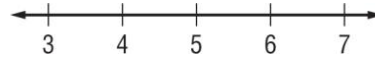$$\begin{array}{ccccc} 0 & 1 & 2 & 3 & 4 \end{array}$$

**2.** $h - 9 > 13$

$$\begin{array}{ccccc} 20 & 21 & 22 & 23 & 24 \end{array}$$

**3.** $t + 7 \le 12$

$$\begin{array}{ccccc} 3 & 4 & 5 & 6 & 7 \end{array}$$

**4.** $\frac{r}{3} \ge 5$

$$\begin{array}{ccccc} 13 & 14 & 15 & 16 & 17 \end{array}$$

**5.** $j + 4 < 10$

$$\begin{array}{ccccc} 4 & 5 & 6 & 7 & 8 \end{array}$$

**6.** $7y < 35$

$$\begin{array}{ccccc} 3 & 4 & 5 & 6 & 7 \end{array}$$

**7.** $b - 15 > 11$

$$\begin{array}{ccccc} 24 & 25 & 26 & 27 & 28 \end{array}$$

**8.** $\frac{n}{4} < 4$

$$\begin{array}{ccccc} 14 & 15 & 16 & 17 & 18 \end{array}$$

**9.** $4b \ge 12$

$$\begin{array}{ccccc} 1 & 2 & 3 & 4 & 5 \end{array}$$

**10.** $z + 8 \ge 14$

$$\begin{array}{ccccc} 4 & 5 & 6 & 7 & 8 \end{array}$$

**11.** $\frac{y}{6} \geq 12$

```
←—+——+——+——+——+—→
  10   11   12   13   14
```

**12.** $j - 8 < 9$

```
←—+——+——+——+——+—→
  15   16   17   18   19
```

**13.** $k - 10 \geq 6$

```
←—+——+——+——+——+—→
  14   15   16   17   18
```

**14.** $6z \geq 18$

```
←—+——+——+——+——+—→
   1    2    3    4    5
```

**15.** $12a \geq 48$

```
←—+——+——+——+——+—→
   2    3    4    5    6
```

**16.** $\frac{s}{3} < 5$

```
←—+——+——+——+——+—→
  13   14   15   16   17
```
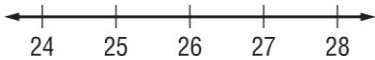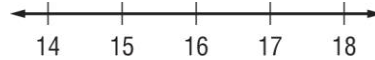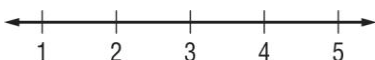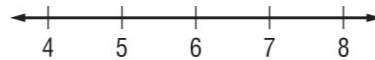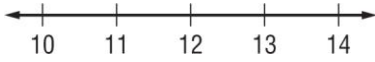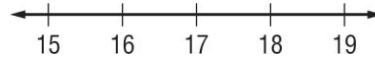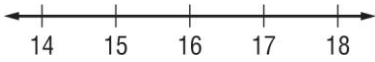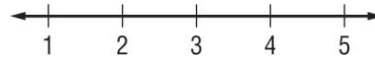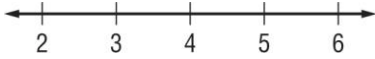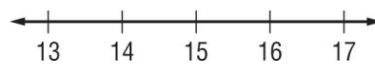
**17. SHOPPING** Chantal would like to buy a new pair of running shoes. The shoes she likes start at $85. If she has already saved $62, write an inequality to show how much more money Chantal must save.