Lesson 6 Homework Practice
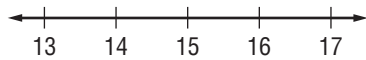
Write and Graph Inequalities
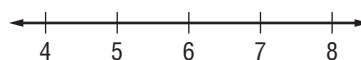
Write an inequality for each sentence.

1. More than 2,500 people attended the convention.

2. Her earnings were no more than $64.

3. The winning 5K race time was less than 22 minutes.

4. A checking-account balance is no more than $500.

5. A maximum ceiling height of 8 feet was required in the new buildings.

6. A minimum number of 12 participants is required to hold a bike rally.

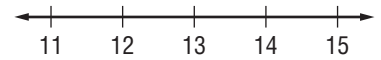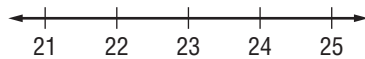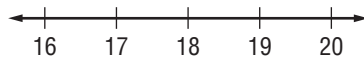**Graph each inequality on a number line.**
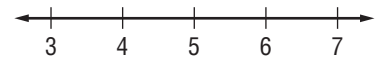
7. $x > 15$

8. $s < 6$

9. $b \geq 13$

10. $x < 23$
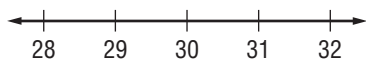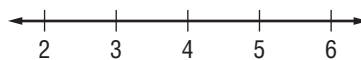

11. $r > 18$

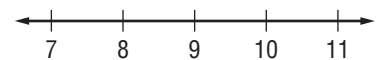**12.** $r \geq 5$

13. $x > 30$

14. $b \leq 4$

15. $a \geq 9$

16. DONATIONS Total donations at the Fireman's Ball failed to reach $940. Write and graph an inequality that represents the amount raised.