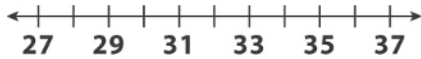
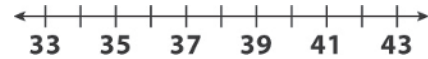


LESSON
13-3**Multiplication and Division Inequalities with Positive Numbers****Practice and Problem Solving: A/B****Solve each inequality. Graph and check the solution.**

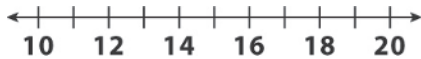
1. $9x > 270$ _____



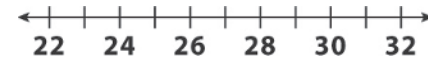
2. $\frac{y}{5} \leq 8$ _____



3. $\frac{b}{4} < 4$ _____



4. $5c \geq 125$ _____

**Solve each inequality.**

5. $\frac{a}{20} > 12$ _____

6. $\frac{r}{13} \leq 2$ _____

7. $6b < 720$ _____

8. $\frac{s}{4.2} \geq 15$ _____

Write and solve an inequality for each problem.

9. It cost \$660 to put on the school play. How many tickets must be sold at \$6 apiece in order to make a profit?

10. Jorge's soccer team is having its annual fund raiser. The team hopes to earn at least three times as much as it did last year. Last year the team earned \$87. What is the team's goal for this year?

11. Alicia earns \$9.00 per hour working at a part-time job. She wants to earn more than \$180 this week. How many hours does Alicia have to work?

12. Marc wants to buy a set of 6 antique chairs for his dining room. He has decided to spend no more than \$360. How much can he spend per chair?
