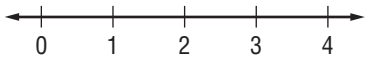
NAME _____ DATE _____ PERIOD _____

Lesson 7 Homework Practice

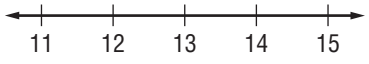
Solve One-Step Inequalities

Solve each inequality. Graph the solution on a number line.

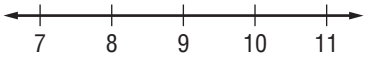
1. $6x > 12$



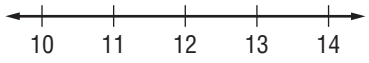
2. $h - 4 > 9$



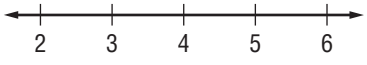
3. $s + 5 \leq 14$



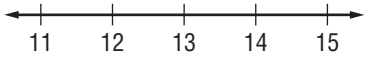
4. $\frac{n}{4} \geq 3$



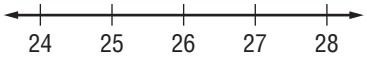
5. $m + 9 < 13$



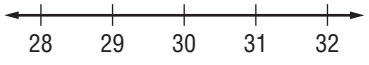
6. $2q < 26$



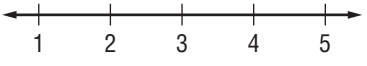
7. $\frac{b}{2} < 13$



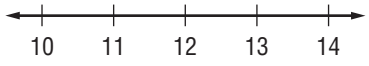
8. $\frac{p}{6} < 5$



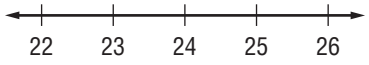
9. $13b \leq 39$



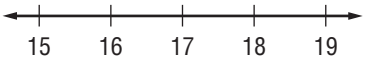
10. $w + 18 \geq 30$



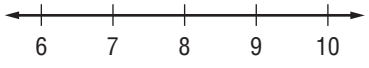
11. $\frac{z}{8} \geq 3$



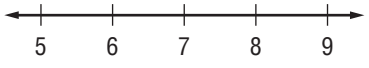
12. $y - 5 < 12$



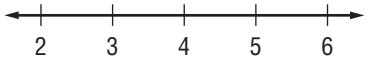
13. $k + 14 \geq 22$



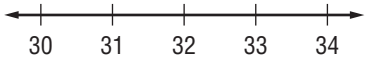
14. $3v < 21$



15. $14n \geq 56$



16. $\frac{s}{2} < 16$



17. **TRANSPORTATION** A certain minivan has a maximum carrying capacity of 1,200 pounds. The luggage weighs 150 pounds. Write and solve an inequality to find the maximum weight allowable for passengers.

18. **DISCOUNTS** To qualify for a store discount, Clay's soccer team must spend at least $560 for new jerseys. The team needs 20 jerseys. Write and solve an inequality to represent how much the team should spend on each jersey to qualify for the discount.