Lesson 6 Homework Practice

Solve Inequalities by Addition or Subtraction

Solve each inequality.

1. $p + 9 < 7$

2. $t + 6 > -4$

3. $-12 \geq 7 + b$

4. $16 > -15 + k$

5. $25 < n - 11$
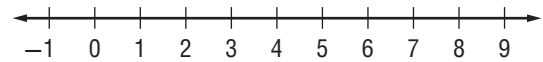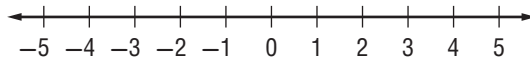
6. $-8 > h - 4$

7. $b - \dfrac{3}{4} < \dfrac{1}{2}$

8. $f - 5.2 \geq 1.6$
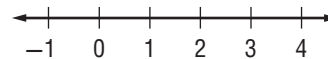
Solve each inequality. Graph the solution on a number line.

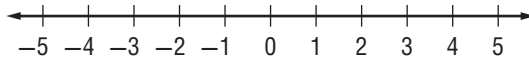**9.** $n + 5 < 7$
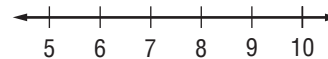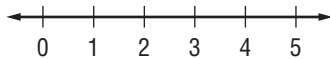

10. $t + 2 > 10$

11. $p - 5 > -4$

12. $3 \leq \dfrac{1}{3} + n$

13. $4 \geq s - \dfrac{3}{4}$

14. $6.9 < w - 2.3$

Write an inequality and solve each problem.

15. Four more than a number is no more than thirteen.

16. The difference of a number and -6 is less than 9.

17. Eleven less than a number is more than seventeen.

18. The sum of -8 and a number is at least 9.

19. ENVELOPES Sani has at least 68 envelopes to address. He has addressed 17 of them. Write and solve an inequality that describes how many more envelopes, at most, Sani has left to address.