

Homework: Pg 168 Q's 8-34

8. v is greater than or equal to 5.

9. b is less than 4.

10. 3 less than g is less than or equal to 17.

11. The quotient of k and 9 is greater than $\frac{1}{3}$.

Determine whether each number is a solution of the given inequality.

12. $3y - 8 > 22$

a. 2

b. 0

c. 5

13. $8m - 6 \leq 10$

a. 2

b. 3

c. -1

14. $4x + 2 < -6$

a. 0

b. -2

c. 1

15. $\frac{6-n}{n} \geq 11$

a. 0.5

b. 2

c. 4

16. $m(m - 3) < 54$

a. -10

b. 0

c. 9

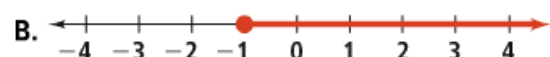
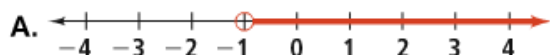
Match each inequality with its graph.

17. $x < -1$

18. $x \geq -1$

19. $-1 < x$

20. $-1 \geq x$



Graph each inequality.

21. $y > 2$

22. $t < -4$

23. $z \leq -5$

24. $v \geq -2$

25. $-3 < f$

26. $-\frac{9}{4} \leq c$

27. $8 \geq b$

28. $5.75 > d$

Write an inequality for each graph.

