

QUIZIZZ

NAME: _____

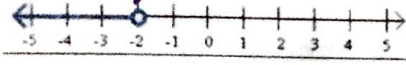
Inequalities Tier A

CLASS: _____

16 Questions

DATE: _____

1.



• Is the circle "open" or "closed?"
↓
either
>
<

• Arrow going right or left?
↓
either
≥
≤
→
←

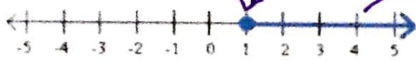
a) x is less than or equal to 2

b) $x < 2$

c) $2 < x$

d) x is greater than 2

2.



Look at this.

arrow showing greater than or less than?

a) $x > 1$

b) $1 \geq x$

c) x is greater than or equal to 1

d) x is less than or equal to 1

Solve the equation.

3. $m - 5 > 10$

a) m is less than 15

b) m is greater than 5

c) m is greater than 15

d) m is less than 5

4. $2k > 18$

a) k is greater than 20

b) k is greater than 9

c) k is greater than 18

d) k is less than 36

5. $8x \geq -32$

a) $x \geq -4$

b) $x \geq 4$

c) $x \leq -4$

d) $x \geq 4$

6. $s + 9 \geq -25$

a) $s \geq -16$

c) $s \leq 16$

b) $s \geq -34$

d) $s \geq 34$

7. $4x - 2 \leq -22$

a) $x \geq -5$

c) $x \leq -6$

b) $x \geq -6$

d) $x \leq -5$

8. $7b - 3 < 11$

a) $b < 2$

c) $b > 2$

b) $84 > b$

d) $b < 84$

9. $2h - 6 > 42$

a) $h < 24$

c) $h > 24$

b) $18 > h$

d) $h < -12$

10. $1 + 3r > 10$

a) $r < 11$

c) $27 > r$

b) $r > 3$

d) $r > 27$

11. $-7 + 10z > -27$

a) $z < -2$

b) $z > -34$

d) $z > -2$

c) $2 > z$

12. Solve the inequality.

$$x + 5 \leq 13$$

a) $x \geq 8$

b) $x \geq 18$

c) $x \leq 8$

d) $x \leq 18$

13. $10 \geq x - 3$ or write: $x - 3 \leq 10$

a) $x \leq 13$

b) $x \geq 13$

c) $x \leq 7$

d) $x \geq 7$

14. $25 < X - 10$ or write: $X - 10 > 25$

a) $X > 35$

b) $X < 35$

c) $X > -35$

d) $X < -35$

15. $28 > m - 4$ or write: $m - 4 < 28$

a) $m < 32$

b) $m > 32$

c) $m < 24$

d) $m > 24$

16. $28 > m - 4$ or write: $m - 4 < 28$

a) $m < 32$

b) $m > 32$

c) $m < 24$

d) $m > 24$