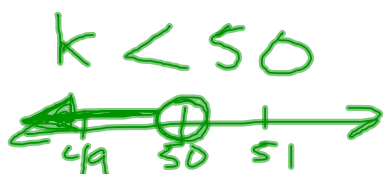
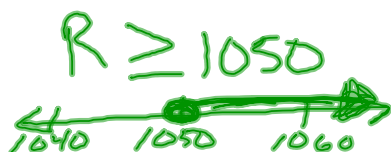


7.1 Answers

1) Ktown has less than 50 teachers.



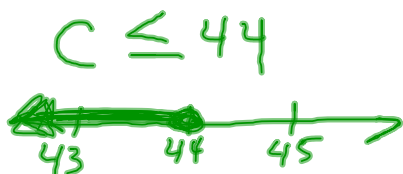
2) Ramstein has no less than 1050 students.



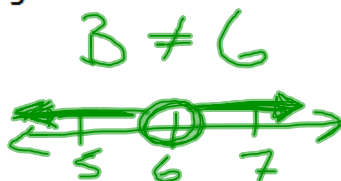
3) Baumholder does not have 400 students.



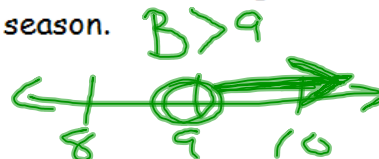
4) The Cavs will win no more than 44 games next season.



5) The Browns will not win 6 games.

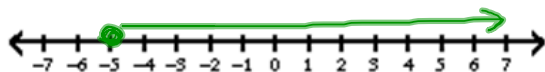


6) The Buckeyes will win more than 9 games this season.

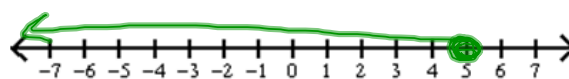


Directions: Graph each inequality.

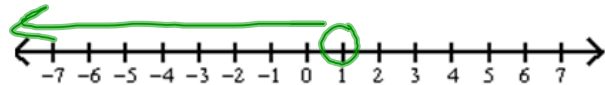
7) $n \geq -5$



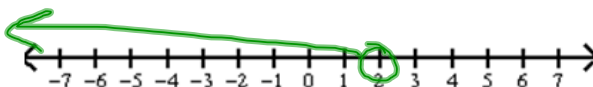
8) $5 \geq n$



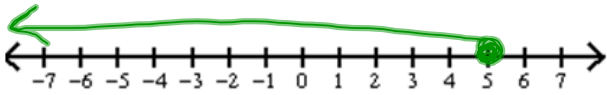
9) $1 > k$



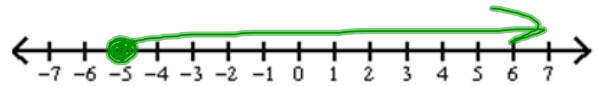
10) $r < 2$



11) $x \leq 5$

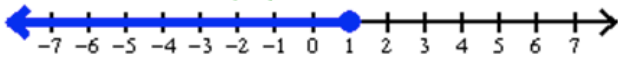


12) $-5 \leq x$

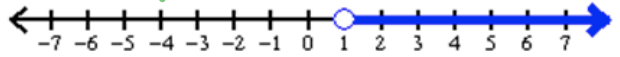


Directions: Write the inequality for the given graph.

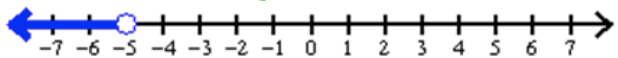
13) $x \leq 1$



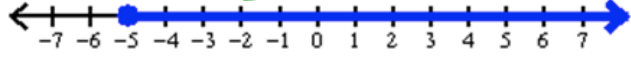
14) $x > 1$



15) $x < -5$



16) $x \geq -5$



Solve each absolute value equation.

17) $|x| = 10$

$x = 10$ or -10

18) $|x| = 0.225$

$x = 0.225$ or -0.225

19) $-15 = |x|$

No. Sol.

20) $\frac{9}{5} = |x|$

$x = \frac{9}{5}$ or $-\frac{9}{5}$

21) $|x| = 0$

$x = 0$

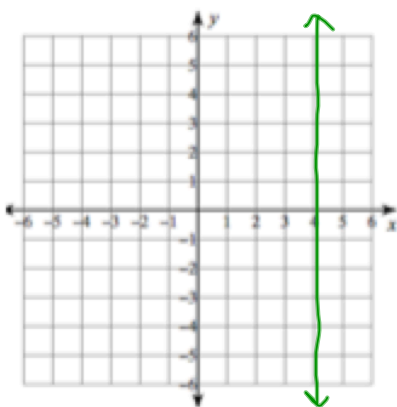
22) $\frac{1258}{45} = |x|$

$x = \frac{1258}{45}$ or $-\frac{1258}{45}$

Skillz Review

Graph the line.

1) $x = 4$



Evaluate.

2) $b^3 - a^2$, when $a = -4$ and $b = -3$

$(-3)^3 - (-4)^2$

$-27 - 16$

-43

Solve.

3) $-129 = 3b - 3(1 - 5b)$

$-129 = 3b - 3 + 15b$

$-129 = 18b - 3$

$+3$

$-126 = 18b$

$\frac{-126}{18} = \frac{18b}{18}$

$-7 = b$