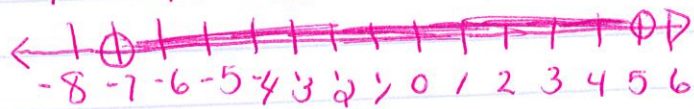


Pg. 204

$$-4 < k + 3 < 8$$

-3 -3 -3

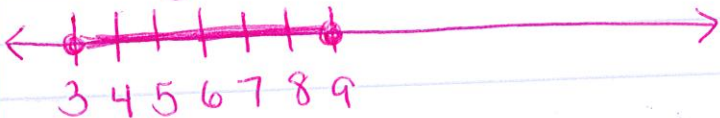
$$-7 < k < 5$$



$$5 \leq y + 2 \leq 11$$

-2 -2 -2

$$3 \leq y \leq 9$$



$$3 < 4p - 5 \leq 15$$

+5 +5 +5

$$8 < 4p \leq 20$$

4 4 4

$$2 < p \leq 5$$



$$15 \leq \frac{20 + 11 + k}{3} \leq 19$$

$$45 \leq 20 + 11 + k \leq 57$$

$$45 \leq 31 + k \leq 57$$

-31 -31 -31

$$14 \leq k \leq 26$$



$$(15) \quad \frac{1}{4} < \frac{2x-7}{2} < 5$$

x 2

$$\frac{2}{4} < 2x - 7 < 10$$

+7 +7 +7

$$7\frac{2}{4} < 2x < 17$$

$$\frac{30}{4} < \frac{2x}{2} < \frac{17}{2}$$

$$\frac{2}{8} < x < \frac{17}{2}$$

$$3\frac{6}{8}$$

$$3\frac{3}{4} < x < 8\frac{1}{2}$$



$$(16) \quad -3 \leq \frac{6-q}{9} \leq 3$$

x 9

$$-27 \leq 6 - q \leq 27$$

-6 -6 -6

$$-33 \leq -q \leq 21$$

$$33 \geq q \geq -21$$

$$33 \geq q \geq -21$$

* FLIP signs since you divided by a negative



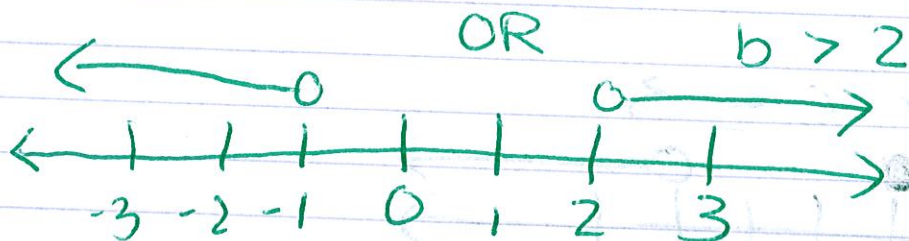
$$(17) \quad 6b - 1 < -7 \quad \text{OR} \quad 2b + 1 > 5$$

$$\frac{6b}{6} < \frac{-6}{6}$$

$$b < -1$$

$$\frac{2b}{2} > \frac{4}{2}$$

$$b > 2$$



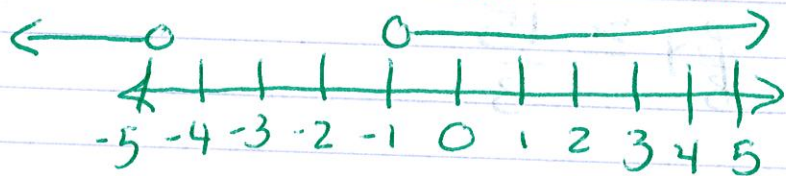
$$(18) \quad 5 + m > 4 \quad \text{or} \quad 7m < -35$$

$$\frac{5}{-5} + m > \frac{4}{-5}$$

$$m > -1$$

$$\frac{7m}{7} < \frac{-35}{7}$$

$$m < -5$$



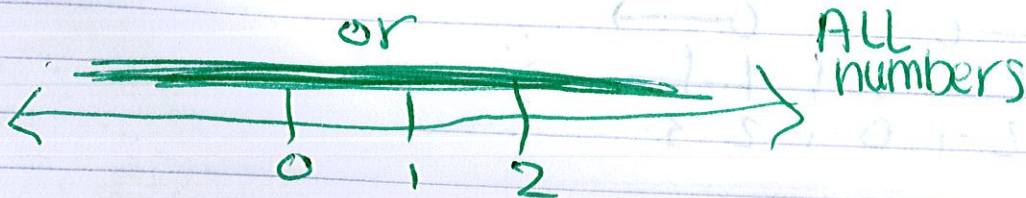
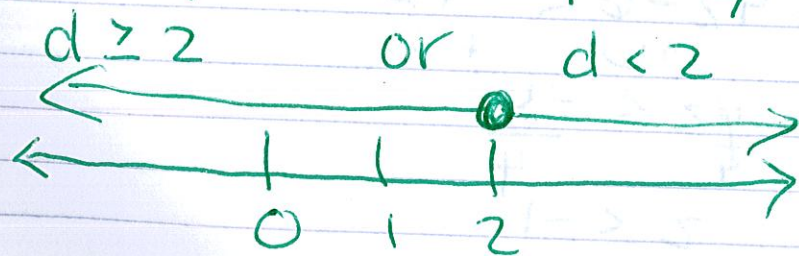
$$(19) \quad 4d + 5 \geq 13 \quad \text{or} \quad 7d - 2 < 12$$

$$\frac{4d}{4} \geq \frac{8}{4}$$

$$d \geq 2$$

$$\frac{7d}{7} < \frac{14}{7}$$

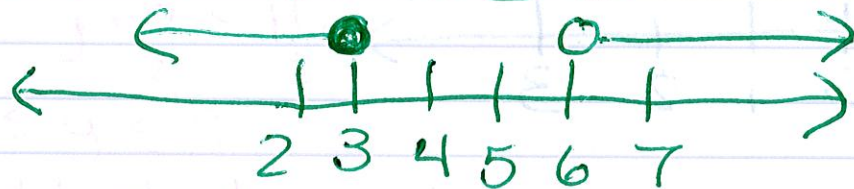
$$d < 2$$



$$7 - c < 1 \quad \text{or} \quad \frac{4c}{4} \leq \frac{12}{4}$$

$$\frac{-c}{-1} < \frac{-6}{-1} \quad \text{or} \quad c \leq 3$$

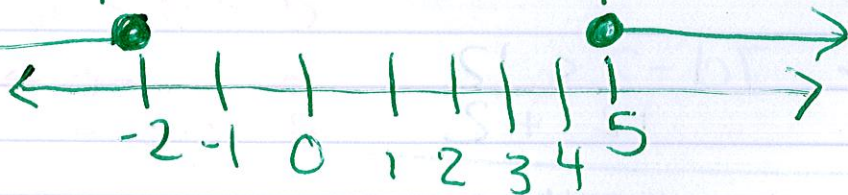
$$c > 6 \quad \text{or} \quad c \leq 3$$



$$5y + 7 \leq -3 \quad \text{or} \quad 3y - 2 \geq 13$$

$$\frac{5y}{5} \leq \frac{-10}{5} \quad \text{or} \quad \frac{3y}{3} \geq \frac{15}{3}$$

$$y \leq -2 \quad \text{or} \quad y \geq 5$$



$$5z - 3 > 7 \quad \text{or} \quad 4z - 6 < -10$$

$$\frac{5z}{5} > \frac{10}{5} \quad \frac{4z}{4} < \frac{-4}{4}$$

$$z > 2 \quad \text{or} \quad z < -1$$

