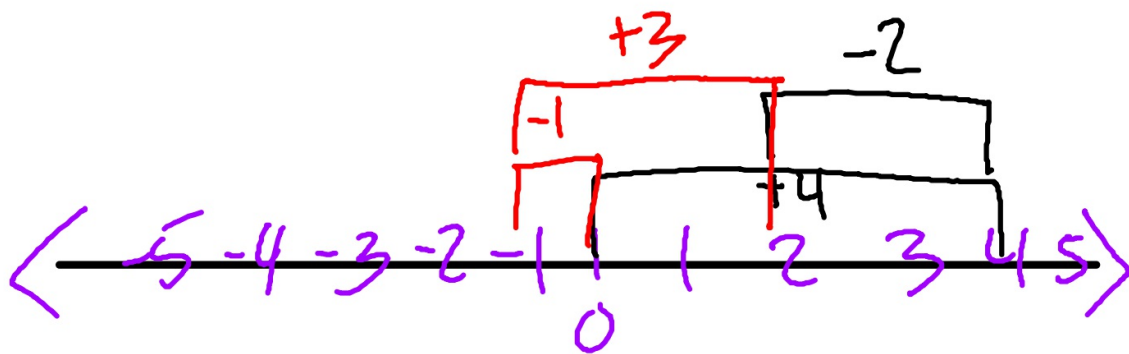


After taking 4 quizzes, your average is 74 out of 100. What must your average be on the next 5 quizzes to increase your average to 79?

$$\begin{aligned}
 74 &= S \div 4 & 79 &= S \div 9 \\
 S &= 74 \times 4 & S &= 79 \times 9 \\
 &= 296 & & \\
 711 - 296 &= \textcircled{415} = 711 \\
 415 \div 5 &= \textcircled{83}
 \end{aligned}$$

L59 : + Integers



$$-1 + 3 = +2$$

$$\begin{aligned}
 1 + 3 &= 4 \\
 4 + (-2) &= 2
 \end{aligned}$$

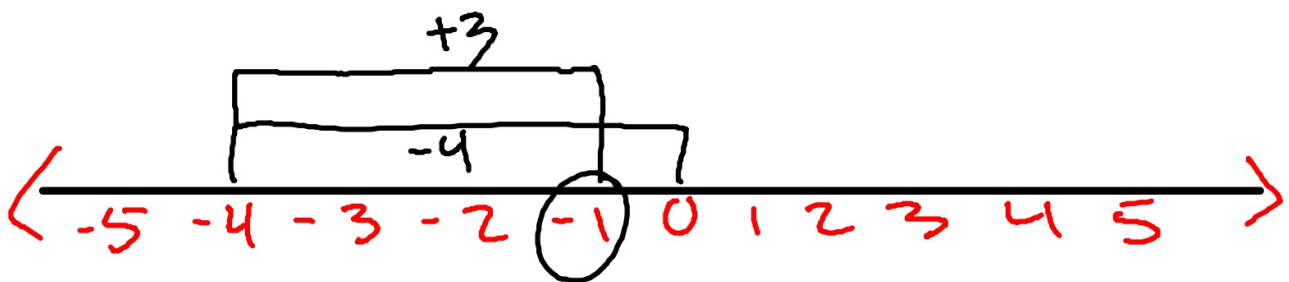
$$4 + (-2) = +2$$

$$4 - 2$$

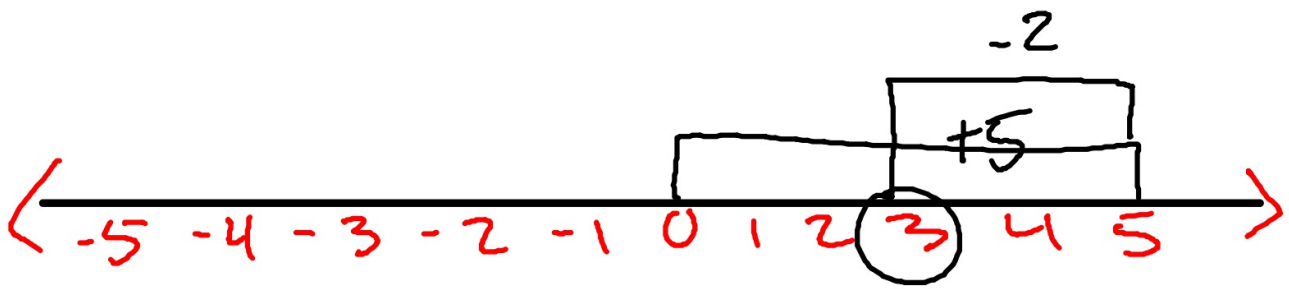
$$-4 + 3 = -1$$

$$4 - 3 = 1$$

Subtracting
"absolute
Values"
(dist # is
from 0)

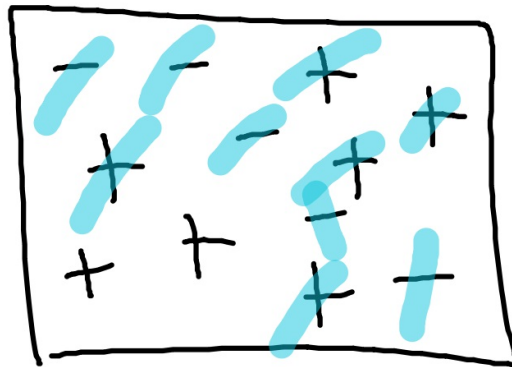


$$-4 + 3 = -1$$



$$5 + (-2) = (+3)$$

$$5 - 2 = 3$$



$$-5 + 7$$

$$-5 + 2$$

-	-	+
+	-	-

-3

-7 + 4 = 3 subtract
absolute values

7 - 4

3

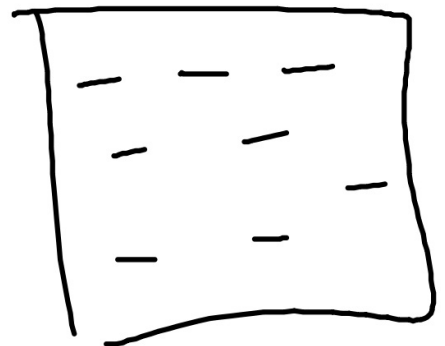
keep the sign of
the larger value

$$-2 \oplus 8 = \oplus 6$$

$$\underline{8} - 2 = 6$$

$$-5 + (-3) = -8$$

add and keep
the sign



$$|-8 + 1| = |-7|$$
$$= 7$$

$$|-8| + |1|$$

$$8 + 1 = 9$$

$$|3 - 5|$$

$$|-2|$$

$$2$$

L 59 pset a-m

cuatro, 5, ocho, 14, quince,
20, 21, 24, 25