Grade 7 Math UNIT 2: INTEGERS REVIEW for MIDTERM Name:_____
Class:_____

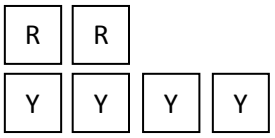
REMEMBER: THE **BONUS (3%) for SHOWING workings for multiple choice ON TEST.**

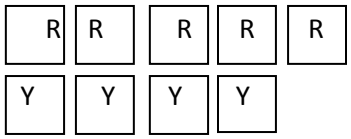
**REMEMBER:**

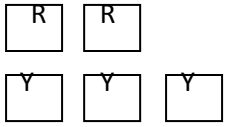
**POSITIVE is YELLOW or CLEAR tiles.**

**NEGATIVE is RED or SOLID tiles.**

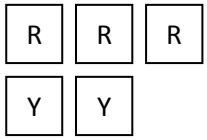
1. Identify the sum is represented by the following tiles .

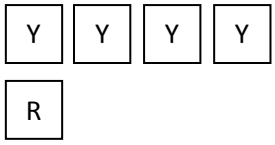
A) 

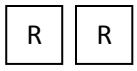

B) 

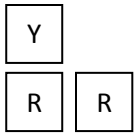

C) 

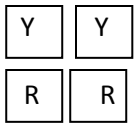

2. Identify the integer shown by each of the models below.

A) 

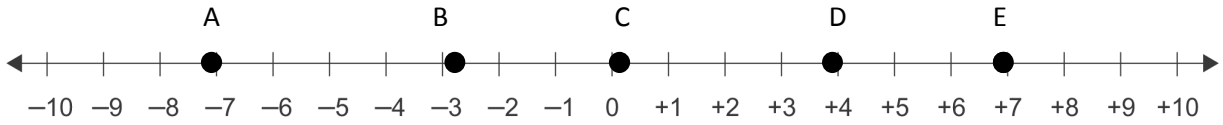

B) 


C) 


D) 

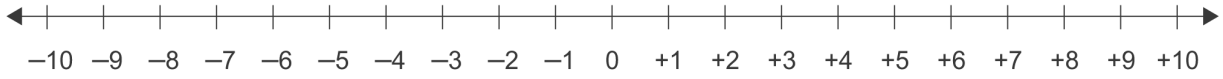

E) 

3. Identify the integers on this number line.

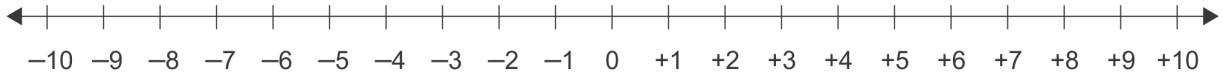



4. Model the addition statements below. State your answer.

A) (+6) + (+2)

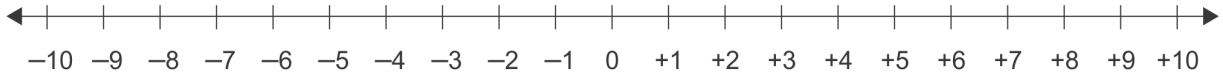



B) (-3) + (-4)




C) (-5) + (+7)

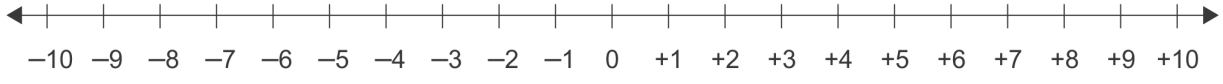

D) (+6) + (-11)



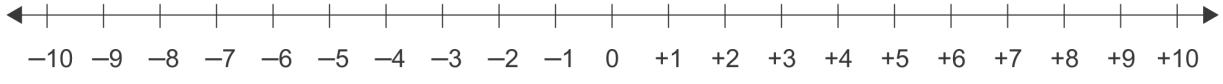

E) (+7) + (-7)


5. Model the subtraction statements. State your ANSWER.

A) (+4) – (+7)




B) (+4) – (-5)



C) (-3) – (-4)

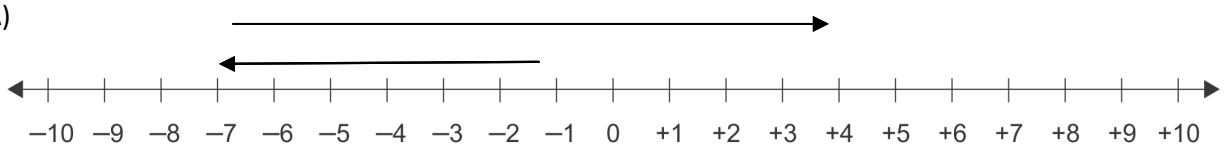

D) (-7) – (+2)


E) (-4) – (-4)

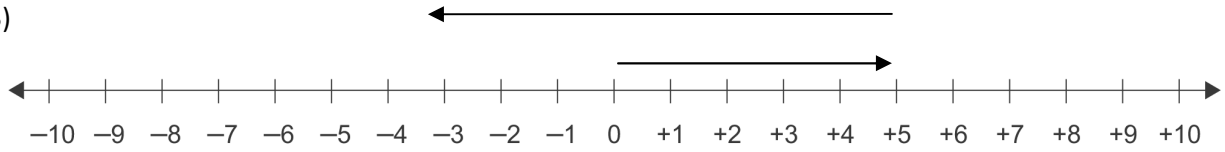

F) (-3) – (+3)


6. Identify the addition statement.

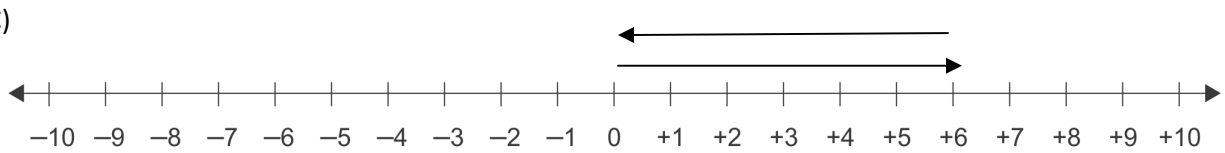
A)




B)




C)




7. Put either in the circle to make each statement true.

A) +9 ◯ +7

B) -9 ◯ +6

C) (+4) + (-5) ◯ (+4) – (+5 )

D) -5 ◯ -9

E) -7 ◯ 0

F) (+6) + (-6) ◯ (+7) + (-7)

8. Use algetiles to model solving the equation given.

A) x +4 =7

B) 2x +3 = 9

9. Arrange in ascending order.

A) $+9, -3, \ 0, -8, +5, -1$

B) $+7, -2, -11, \ 0, +3, -4$

10. Arrange in descending order.

A) $-3, +5, -8, \ 0, +1, -9$

B) $0, -1, +1, -5, +5, -8, +8$

11. Calculate the following.

A) (-11) + ( +8)

B) (-9) – (-10)

C) (+5) + (-12) + (-11)

D) (+14) + (-14)

E) (-6) – (-5) + (+1)

**THINGS to REMEMBER:**

- **Put all fractions in simplest form.**
- **In NL, sales tax is 13%.**
- **For Integers, use clear OR yellow tiles for positive and solid OR red tiles for negative.**
- **For this exam, let $\pi = 3.14$**
- **Formulas:**

**d = 2r** **C= $\pi d$** **A = $\pi r^2$** **A = $s^2$** **A = ½ bh**

**r = ½ d** **C= $2\pi r$** **A = l x w** **A = bh**