TEST NAME: **Number Systems (NS.5-6c)**
TEST ID: **174923**
GRADE: **06**
SUBJECT: **Mathematics**
TEST CATEGORY: **School Assessment**

Student:

Class:

Date:

1. A drill on an oil platform descended 1,500 feet below sea level. The top of the oil platform is at a height of 350 feet above sea level. What is the total length of the oil platform from the end of the drill to the top of the platform?

   A. 350 feet

   B. 1,150 feet

   C. 1,500 feet

   D. 1,850 feet

2. A substance with 6 positive atoms is combined with a substance that has 4 negative atoms. Which represents the remaining atoms?

   A. 10 positive atoms

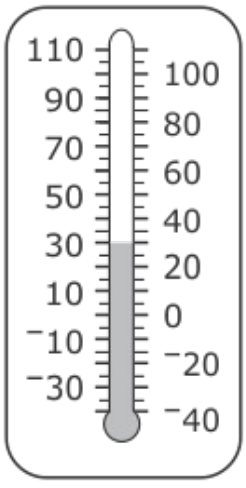
   B. 2 positive atoms

   C. 2 negative atoms

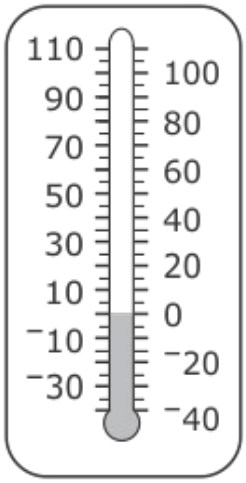
   D. 10 negative atoms

3. Which thermometer reads 20 degrees below zero?

   A.



B.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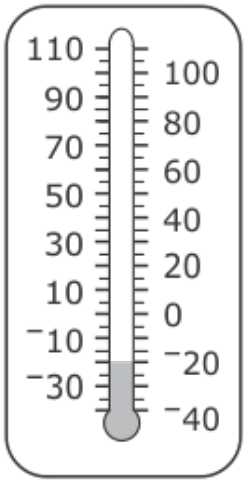
C.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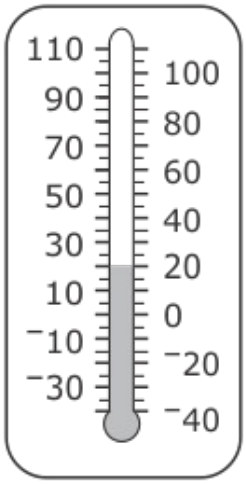
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4. At 8:00 p.m. Marsha recorded the outside temperature as 5°C. At 10:00 p.m. the temperature had dropped 3°, and by 12:00 a.m. the temperature dropped another 3°. What was the temperature at 12:00 a.m.?

A. $^{-}6$°C

B. $^{-}1$°C

C. 1°C

D. 11°C

5. There are 4 positive charges and 5 negative charges. Which integer represents the total value of the charges?

A. $^{+}9$

B. $^{-}9$

C. $^{+}1$

D. $^{-}1$

6. The picture below shows positive and negative charges.

What integer represents the total value of the charges?

A. $^{-}3$

B. $^{+}3$

C. $^{-}6$

D. $^{+}6$

7. Which ordered pair is located in Quadrant II?

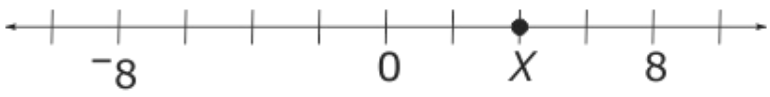
A. (5, 7)

B. (5, $^{-}7$)

C. ($^{-}5$, 7)

D. ($^{-}5$, $^{-}7$)

8. Where is point *X* located on the number line?



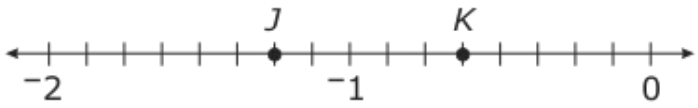
A. $1\frac{1}{4}$

B. 2

C. 4

D. $7\frac{1}{4}$

9. Which number is located between points *J* and *K* on the number line below?



A. $-\frac{1}{2}$

B. $-\frac{7}{8}$

C. $-1\frac{1}{2}$

D. $-2\frac{7}{8}$

10. In which quadrant would the ordered pair (3, 4) be graphed?

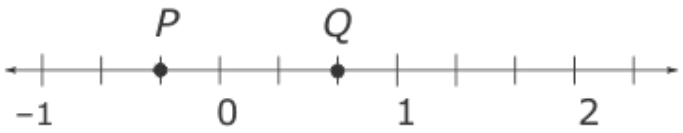
A. I

B. II

C. III

D. IV

11. Which number is between point *P* and point *Q* on the number line below?



A. $-\frac{2}{3}$

B. $-\frac{2}{5}$

C. $-\frac{1}{2}$

D. $-\frac{1}{4}$

12. Which letter is located at the opposite of 5 on the number line below?

A. *E*

B. *F*

C. *G*

D. *H*