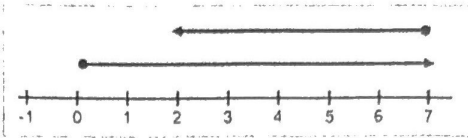


Due \_\_\_\_\_

1. Which situation below describes the number line shown?



- A. The temperature outside rose 5 degrees and dropped 2 degrees
- B. Harper earned \$7 helping his dad, then spent \$5 on lunch.
- C. Lara spent \$7 on a new shirt, then spent \$5 dollars on a new hat.
- D. Katie walked 7 blocks to her friend's house, then walked 2 blocks back.

2. The daily high temperatures in Anchorage, Alaska last week are listed in the chart below:

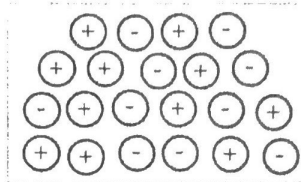
Day	Temperature
Monday	15°F
Tuesday	8°F
Wednesday	-6°F
Thursday	-8°F
Friday	-19°F

What was the average daily high temperature in Anchorage for those days?

- A. -10°F
- B. -5°F
- C. -2°F
- D. 2°F

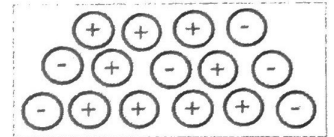
3. Which math sentence could be used to show the combined value of the tokens?

- A.  $11 + (-10) = 1$
- B.  $11 + (-10) = 21$
- C.  $11 - (-10) = 1$
- D.  $11 - (-10) = 21$

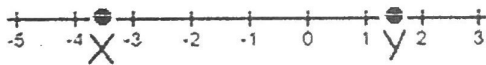


4. Which math sentence could be used to show the combined value of the tokens?

- A.  $-6 + 9 = -3$
- B.  $-6 + 9 = 3$
- C.  $-6 - 9 = -15$
- D.  $-6 - 9 = 15$



5. Which statement is true of points X and Y on the number line?



- A.  $X + Y < 0$
- B.  $XY > -3$
- C.  $X - Y > 0$
- D.  $Y \div X > 0$

6. Mikayla and her two friends made a pizza and cut it into 8 equal-sized slices. If Mikayla and her friends ate 5 slices of pizza, what decimal represents the portion of pizza that remains?

- A. .5
- B. .375
- C. .35
- D. .625

7. Harold made a pie for after dinner. If he ate  $\frac{1}{2}$  of the pie and his wife Sara ate  $\frac{1}{4}$  of the pie, which picture could represent the amount of pie left? The shaded region of each circle shows how much pie was left over.

- A.
- B.
- C.
- D.

8. Harold made a pie for after dinner. If he ate  $\frac{1}{2}$  of the pie and his wife Sara ate  $\frac{1}{3}$  of what is left, which picture could represent the amount of pie left? The shaded region of each circle shows how much pie was left over.

- A.
- B.
- C.
- D.

9. Which mixed number is equivalent to 5.292?

- A.  $\frac{73}{250}$
- B.  $5\frac{2}{9}$
- C.  $5\frac{73}{250}$
- D.  $5\frac{292}{100}$

10. Laura's gym membership fee of \$45 is automatically deducted from her bank account each month. If she must also pay a one-time yearly maintenance fee of \$75, which integer would represent the total deductions for one year of gym membership?

- A. -\$120
- B. -\$465
- C. -\$540
- D. -\$615

11. Navya has  $10\frac{1}{2}$  feet of craft wire that she uses to make earrings. If each pair of earring requires  $\frac{3}{4}$  foot of wire, how many pairs of earrings is Navya able to make?

- A. 1
- B. 9
- C. 10
- D. 14

12. While visiting Chicago, Jenny used a taxi for transportation. The taxis charged her \$.95 per city block. If the taxis charged her a total of \$25.65 for transportation, how many total city blocks did she travel?

- A. 24.7 blocks
- B. 25 blocks
- C. 26 blocks
- D. 27 blocks

13. Sasha agreed to make  $4\frac{1}{2}$  dozen cupcakes for her friend's big birthday batch. So far, she has baked and decorated  $\frac{1}{3}$  of the cupcakes. If there are 12 cupcakes in a dozen, how many cupcakes are ready for the party?

- A. 1.5 cupcakes
- B. 4 cupcakes
- C. 18 cupcakes
- D. 36 cupcakes

14. The distance from Jessie's house to the neighborhood dog park is  $1\frac{1}{4}$  miles. If Jessie and her dog ran  $\frac{2}{5}$  of the way there, how far did they run?

- A.  $\frac{2}{5}$  mile
- B.  $\frac{1}{2}$  mile
- C.  $\frac{17}{20}$  mile
- D. 1 mile

15. Which expression has a value of -19?

- A.  $(8 - 9) - 18$
- B.  $8 - (-9)$
- C.  $-9 - 8$
- D.  $-1 - (-17)$

16. Which expression has the greatest value?

- A.  $-9 - 8$
- B.  $-9 + 8$
- C.  $8 - 9$
- D.  $8 - (-9)$

17. Tanya entered a hotel elevator on the 7<sup>th</sup> floor. She rode down 2 floors, up 5 floors, down 6 floors, up 7 floors and down 2 floors. On what floor did Tanya get off the elevator?

- A. 6<sup>th</sup> floor
- B. 7<sup>th</sup> floor
- C. 9<sup>th</sup> floor
- D. 11<sup>th</sup> floor

18. Find the product of the following expression:

$$\frac{4}{5} \times 8 \times 3\frac{1}{4} \times 30$$

- A. 624
- B. 620
- C. 62.4
- D. 64

19. Which is equivalent to the following expression?  
 $(45 - 67) - 98$

- A. -120
- B. -76
- C. 14
- D. 210

20. At the beginning of the week, the temperature was 14°F. During the week, it decreased by 25°F. What was the temperature by the end of the week?

- A. 39°F
- B. 11°F
- C. -11°F
- D. -39°F