Name: _____   **Date:** _____

1. Which is closest to 0 ?

    A. $-\dfrac{1}{4}$ B. $\dfrac{3}{6}$ C. $-\dfrac{1}{8}$ D. $\dfrac{2}{5}$

2. Annika looked at the number on the computer screen.

    0.375

    Which of these could the number describe?

    A. diameter of a flower bud after closing at sunset

    B. thickness of a piece of thread

    C. loss of water from a flower pot drainage

    D. decrease in size of a pile of sand after wind blows
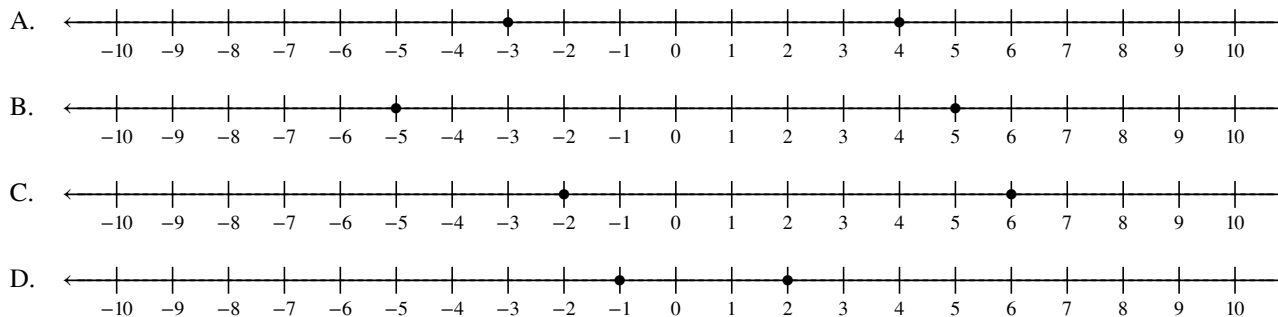
3. Charlie searched for the number in a table.

    0.50

    Which of these could the number describe?

    A. removal of dirt to make a hole

    B. growth of a plant

    C. drop of a leaf to the ground

    D. depth of a fish in a lake
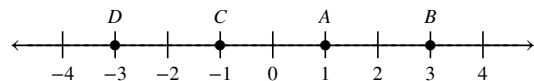
4. Which can be used to show an increase in the price of a blanket?

    A. -1.15 B. 1.25 C. -0.85 D. -3.45

5. Which of the number lines show opposite numbers?
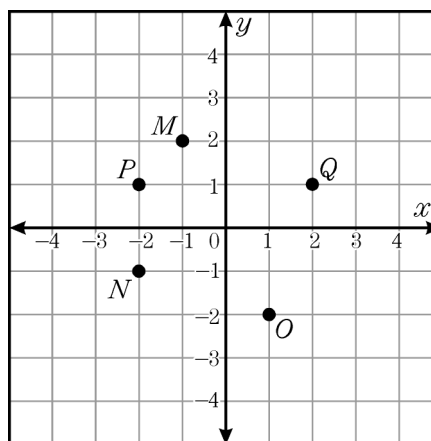
A.

B.

C.

D.

6. This number line satisfies which of the following conditions?
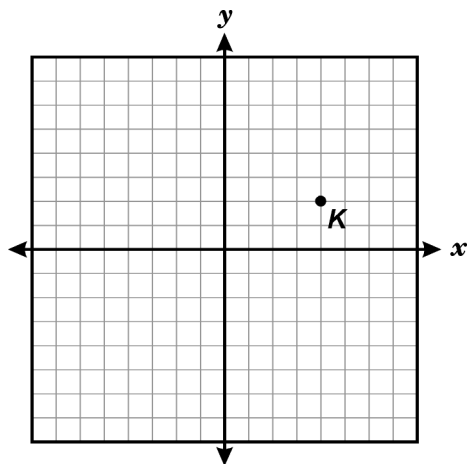

A. $A = -B$ B. $D = -B$

C. $A = -D$ D. $C = A$

7. Of the given points, which are in Quadrant II?

A. M and P only   B. N only

C. O only   D. M, N, and P
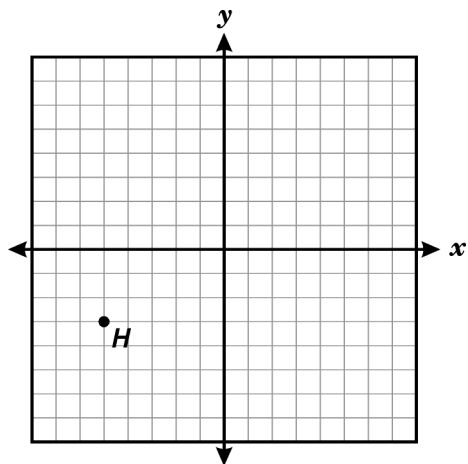
8.   Look at the graph.

Which of the ordered pairs is a reflection of point *K* across the *y*-axis?

A. $(2, -4)$ B. $(4, -2)$

C. $(-4, 2)$ D. $(-4, -2)$
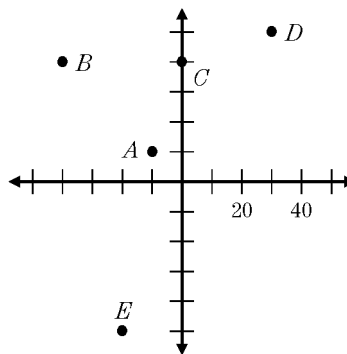
9.   Look at the graph.

Which of the ordered pairs is a reflection of point *H* across the *x*-axis?

A. $(-5, 3)$ B. $(-3, 5)$

C. $(5, -3)$ D. $(-3, -5)$

10.   For which point is $x < 0$ and $y < 0$?

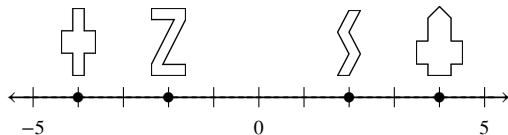A.   *A*   B.   *B*   C.   *D*   D.   *E*

11. Which of the ordered pairs indicates a reflection across the *y*-axis?
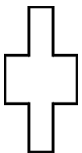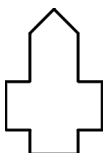
   A. $(2, 7)$ and $(-2, 7)$ B. $(5, 3)$ and $(-5, -3)$

   C. $(4, 6)$ and $(4, -6)$ D. $(3, 2)$ and $(2, 3)$

12. Which of the ordered pairs indicates a reflection across the *x*-axis?
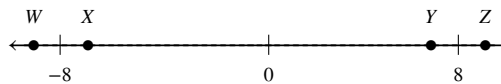
   A. $(4, 2)$ and $(-4, 2)$

   B. $(-6, 1)$ and $(6, 1)$

   C. $(-3, 1)$ and $(-3, -1)$

   D. $(1, -5)$ and $(-1, 5)$

13. Which symbol is located at -2 on the number line below?

   A.   B.

   C.   D.

14. Look at the number line.

   What point shows the location of -9 on the number line?

   A. Point *W*   B. Point *X*

   C. Point *Y*   D. Point *Z*

15. The fraction $\frac{8}{9}$ is closest to which number on the number line?
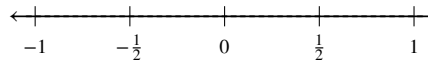
   A. $-\frac{1}{2}$ B. 0 C. $\frac{1}{2}$ D. 1

16. $-1\frac{1}{3}$ is located between which of the letters on the number line?

   A. *C* and *D*   B. *D* and *E*

   C. *E* and *F*   D. *F* and *G*

17. 2.1 is located between which of the letters on the number line?
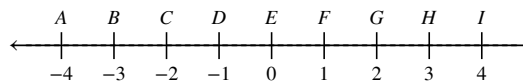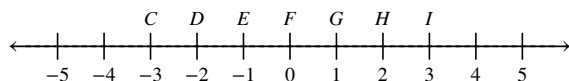

A. *C* and *D*   B. *E* and *F*
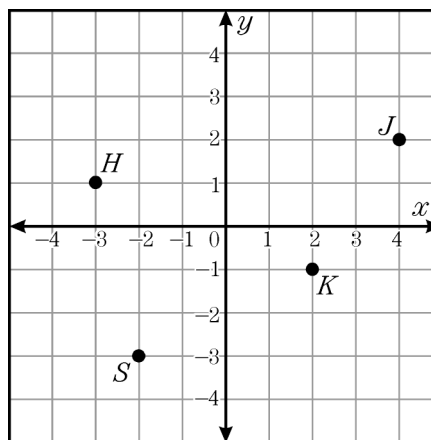
C. *G* and *H*   D. *H* and *I*

18. 0.23 is located between which of the letters on the number line?
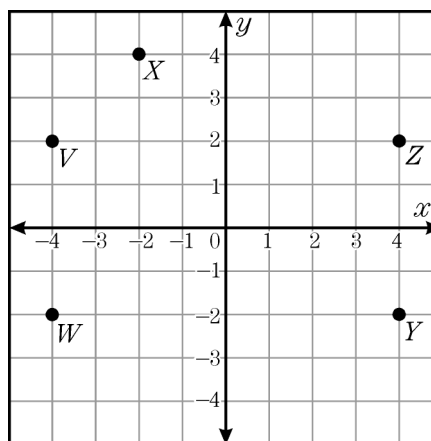
A. *H* and *I*   B. *G* and *H*

C. *F* and *G*   D. *C* and *D*

19. Name the coordinates of point *H*.

A. $(3, 1)$ B. $(-3, 1)$

C. $(3, -1)$ D. $(-1, 3)$

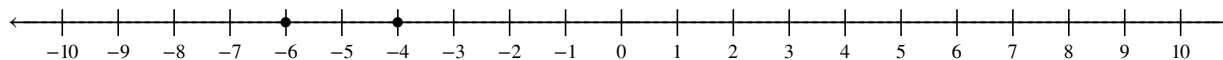20. Name the point with coordinates $(4, -2)$.

A. *W*   B. *X*   C. *Y*   D. *Z*

21. $-6\ \square\ -4$

Which symbol correctly compares the numbers?

A. >   B. <   C. =   D. +

---

22. Using the number line, choose the relation that is true.

A. $C > 0$ B. $D > 0$ C. $D < 0$ D. $C = 0$

23. Which of the following makes a true statement?

A. $4.5 > 4.55$ B. $5.0 < -10.0$

C. $0.001 < 0$ D. $-0.6 > -3.2$
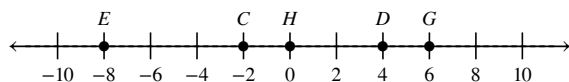
24. Jenna listed the current account balances for several school organizations:

FFA	$120.25
BPA	−$56.35
NHS	−$17.60
TCA	$73.29

Which list places the accounts in order from least to greatest?

A. NHS, BPA, TCA, FFA

B. BPA, NHS, FFA, TCA

C. BPA, NHS, TCA, FFA

D. NHS, BPA, FFA, TCA

25. India investigated the 24-hour price change of several stocks, as shown in the table.

Stock	Price Change
SCE	−$3.15
IRL	−$6.02
TUE	$2.57
PQS	$3.13

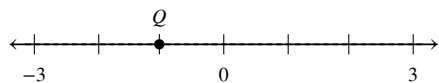Which list shows the changes in order from greatest to least?

A. PQS, TUE, SCE, IRL

B. SCE, PQS, IRL, TUE

C. TUE, PQS, SCE, IRL

D. IRL, TUE, PQS, SCE

26. On the graph, what is the absolute value of point Q?
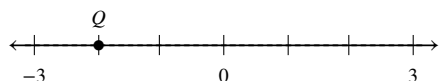
A. −3   B. −2   C. 0   D. 2

27. On the graph, what is the absolute value of point Q?

A. 2   B. 1   C. −1   D. 0

28. Which point has the greatest absolute value?
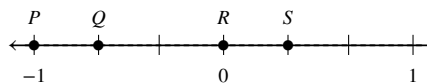
A. point P B. point Q

C. point R D. point S

29. Which point is equal to $|-1|$?
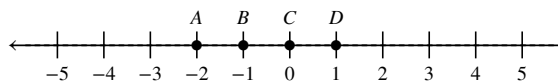
A. A B. B C. C D. D

30. Which letter corresponds to $|-5|$?

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

31. Simplify: $|4|$

A. −4   B. $-\frac{1}{4}$ C. $\frac{1}{4}$ D. 4

32. Simplify: $|-6|$

    A. $-\frac{1}{6}$ B. $\frac{1}{6}$ C. 6   D. 12

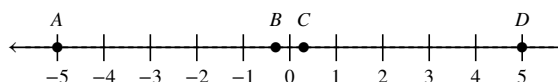33. Look at the line segment.

(5,4)   (12,4)
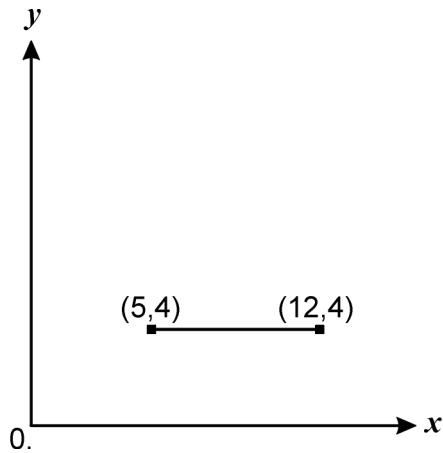
What is the length of the line segment?

    A. 3 units   B. 5 units

    C. 7 units   D. 8 units

34. Look at the line segment.

(3,2)   (6,2)
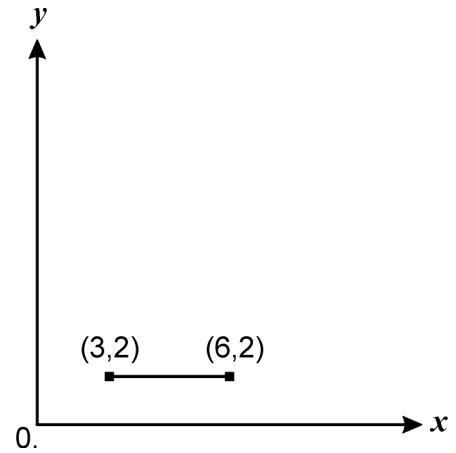
What is the length of the line segment?

    A. 3 units   B. 4 units

    C. 7 units   D. 8 units

35. Point W is at $(3, 6)$. Point P is at $(3, 2)$.
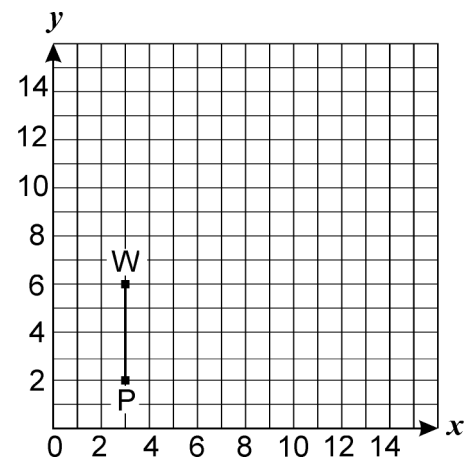
Which of these shows how to find the number of units from point W to point P?

    A. Add: $6 + 2$ B. Add: $6 + 3$

    C. Subtract: $6 - 2$ D. Subtract: $6 - 3$

36. What is the length of the line segment shown on the grid?

A. 10 units   B. 8 units

C. 6 units   D. 4 units

Unit 3 Review   2/7/2018

1.
Answer: C
Objective: 6.NS.5

2.
Answer: B
Objective: 6.NS.5

3.
Answer: B
Objective: 6.NS.5

4.
Answer: B
Objective: 6.NS.5

5.
Answer: B
Objective: 6.NS.6A

6.
Answer: B
Objective: 6.NS.6A

7.
Answer: A
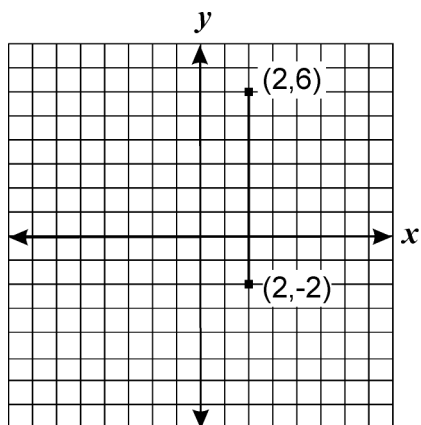Objective: 6.NS.6B

8.
Answer: C
Objective: 6.NS.6B

9.
Answer: A
Objective: 6.NS.6B

10.
Answer: D
Objective: 6.NS.6B

11.
Answer: A
Objective: 6.NS.6B

12.
Answer: C
Objective: 6.NS.6B

13.
Answer: B
Objective: 6.NS.6C

14.
Answer: A
Objective: 6.NS.6C

15.
Answer: D
Objective: 6.NS.6C

16.
Answer: A
Objective: 6.NS.6C

17.
Answer: D
Objective: 6.NS.6C

18.
Answer: C
Objective: 6.NS.6C

19.
Answer: B
Objective: 6.NS.6C

20.
Answer: C
Objective: 6.NS.6C

21.
Answer: B
Objective: 6.NS.7A

22.
Answer: B
Objective: 6.NS.7A

23.
Answer: D
Objective: 6.NS.7A

24.
Answer: C
Objective: 6.NS.7B

25.
Answer: A
Objective: 6.NS.7B

26.
Answer: D
Objective: 6.NS.7C

27.
Answer: B
Objective: 6.NS.7C

28.
Answer: A
Objective: 6.NS.7C

29.
Answer: D
Objective: 6.NS.7C

30.
Answer: D
Objective: 6.NS.7C

31.
Answer: D
Objective: 6.NS.7C

32.
Answer: C
Objective: 6.NS.7C

33.
Answer: C
Objective: 6.NS.8

34.
Answer: A
Objective: 6.NS.8

35.
Answer: C
Objective: 6.NS.8

36.
Answer: B
Objective: 6.NS.8