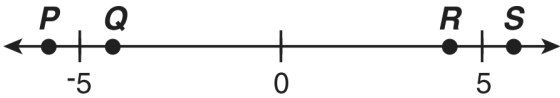


Learning Goal 1.1 - Integers

Name: _____

Date: _____

1. Look at the number line.



What point shows the location of -6 on the number line?

- A. Point P B. Point Q
 C. Point R D. Point S

2. The chart below shows the temperature at noon during a week in January.

Day	Temperature
Monday	0°F
Tuesday	6°F
Wednesday	-2°F
Thursday	-8°F
Friday	8°F

Which day was the coldest?

- A. Monday B. Tuesday
 C. Wednesday D. Thursday

3. Students evaluated algebraic expressions that used positive and negative numbers.

Which phrase will have a negative answer?

- A. The opposite of 72
 B. The opposite of -72
 C. The absolute value of 72
 D. The absolute value of -72

4. Jeff recorded the average temperatures for six months. He will display the temperatures on a number line.

Month	Temperature ($^{\circ}\text{F}$)
December	-5
January	-16
February	-15
March	20
April	24
May	35

On the number line, which month's temperature will be between February's and March's temperatures?

- A. December B. January
 C. April D. May

5. What is the value of the expression below?

$$-3(-4)$$

- A. -12 B. -7 C. 7 D. 12

6. Which expression has a value of -3 ?

- A. $-7 - (4)$ B. $-4 - (-7)$
 C. $-7 - (-4)$ D. $-4 - (7)$

7. $12 \div -3 =$

- A. 9 B. 4 C. $-\frac{1}{4}$ D. -4

8. $4 + (-3) =$
- A. -7 B. -1 C. 1 D. 7
9. Simplify: $-36 \div (4)$
- A. -9 B. $+9$ C. $\frac{-1}{9}$ D. $\frac{+1}{9}$
10. What is the value of the expression below?
 $2 + (-5)$
- A. 7 B. 3 C. -3 D. -7
11. What is the value of the expression below?
 $-13 - (-9)$
- A. 22 B. 4 C. -4 D. -22
12. What is the value of the expression below?
 $-5 + |9 - 11|$
- A. 7 B. -3 C. 15 D. 25
13. What is the value of the expression below?
 $(-4) + 6$
- A. -10 B. -2 C. 2 D. 10
14. What is the quotient when 51 is divided by -17 ?
- A. 34 B. 3 C. -3 D. -34

15. Find the product. $(10)(-5)$
- A. -50 B. -5 C. 5 D. 50
16. Which expression is equivalent to $-8 - 12$?
- A. $-8 + (-12)$ B. $8 - 12$
C. $-8 - (-12)$ D. $8 + 12$
17. What is the value of the expression shown below?
 $-6 + (-9)$
- A. -15 B. -3 C. 3 D. 15
18. The temperature in Flagstaff was -5°C when Sandy went to bed. The temperature dropped 20°C during the night. Which integer represents the change in temperature?
- A. -25°C B. -20°C
C. 20°C D. 25°C
19. A dolphin was swimming at 20 feet below sea level. Then it dove to 45 feet below its original position. Which integer represents the depth of the dolphin's dive?
- A. -45 feet B. -20 feet
C. 20 feet D. 45 feet

20. On a winter Monday in Prescott, the temperature at 8 a.m. was -8°F . At 1 p.m. it was 27°F . By how many degrees did the temperature change from morning to afternoon?
- A. -35° B. -19° C. 19° D. 35°
21. One morning, the temperature was 5° below zero. By noon, the temperature rose 20° Fahrenheit (F) and then dropped 8°F by evening. What was the evening temperature?
- A. 17° below zero B. 15° below zero
C. 12° above zero D. 7° above zero

22. The low temperatures in January of five Alaskan cities are shown in the table below.

January Low Temperatures

City	Temperature ($^{\circ}\text{F}$)
Barrow	-20
Dillingham	9
Galena	-16
Kuparuk	-24
Skagway	18

What is the difference between the warmest and coldest temperatures?

- A. -6°F B. 6°F
C. 15°F D. 42°F

23. An example of an irrational number is

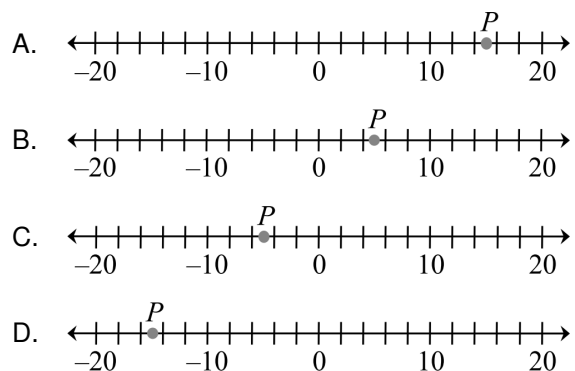
- A. $5.\bar{3}$ B. $\sqrt{5}$ C. 0 D. $-\frac{11}{6}$

24. The set of real numbers shown below is a subset of which of the following?

$$\left\{\frac{2}{3}, 3, -\frac{2}{5}, 0.57\right\}$$

- A. rational B. irrationals
C. integers D. whole numbers

25. Which number line shows Point P located closest to -15 ?



Learning Goal 1.1 - Integers 7/29/2018

1.
Answer: A
2.
Answer: D
3.
Answer: A
4.
Answer: A
5.
Answer: D
6.
Answer: C
7.
Answer: D
8.
Answer: C
9.
Answer: A
10.
Answer: C
11.
Answer: C
12.
Answer: B
13.
Answer: C
14.
Answer: C
15.
Answer: A
16.
Answer: A
17.
Answer: A
18.
Answer: A
19.
Answer: A
20.
Answer: D

21.
Answer: D
22.
Answer: D
23.
Answer: B
24.
Answer: A
25.
Answer: D