

Name: _____

Class/Period: _____

Assignment: HW # 13 (Due 1/21)

Teacher: Fletcher

1

Travis eats 28 cookies in 4 weeks, eating the same number of cookies each week. Dylan eats 24 cookies in 3 weeks, eating the same number of cookies each week. Which statement correctly compares the number of cookies per week they each ate?

- 1 Dylan ate 2 more cookies per week than Travis.
- 2 Dylan ate 1 more cookie per week than Travis.
- 3 Travis ate 4 more cookies per week than Dylan.
- 4 Travis ate 1 more cookie per week than Dylan.

2

Pasquale types at a rate of 60 words per minute. If he types at a constant rate, how many words can Pasquale type in 4 minutes?

- 1 15
- 2 56
- 3 64
- 4 240

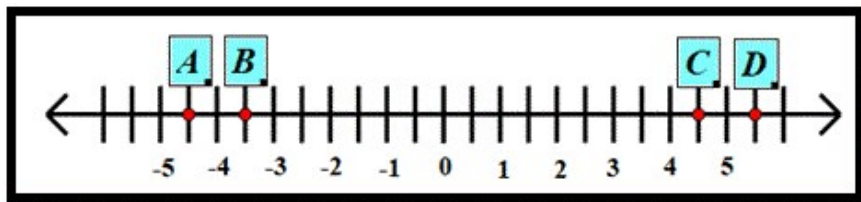
3

Melanie runs around the track at a rate of 1 mile every 8 minutes. If her running rate remains the same, which method could be used to determine the number of minutes for her to run 5 miles?

- 1 add 8 and 5
- 2 subtract 5 from 8
- 3 multiply 8 and 5
- 4 divide 8 by 5

4

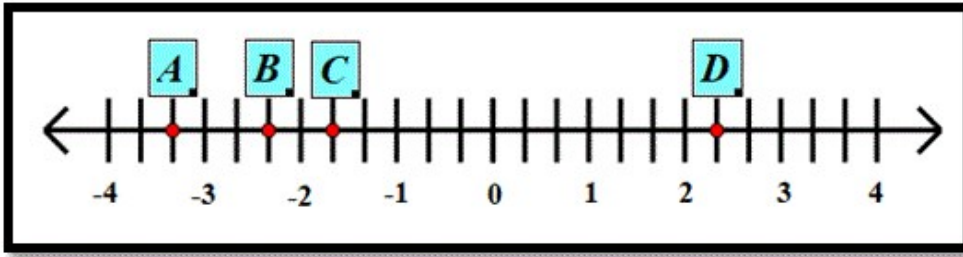
Which point on the number line below represents the number opposite the number $-4\frac{1}{2}$?



- 1 point A
- 2 point B
- 3 point C
- 4 point D

5

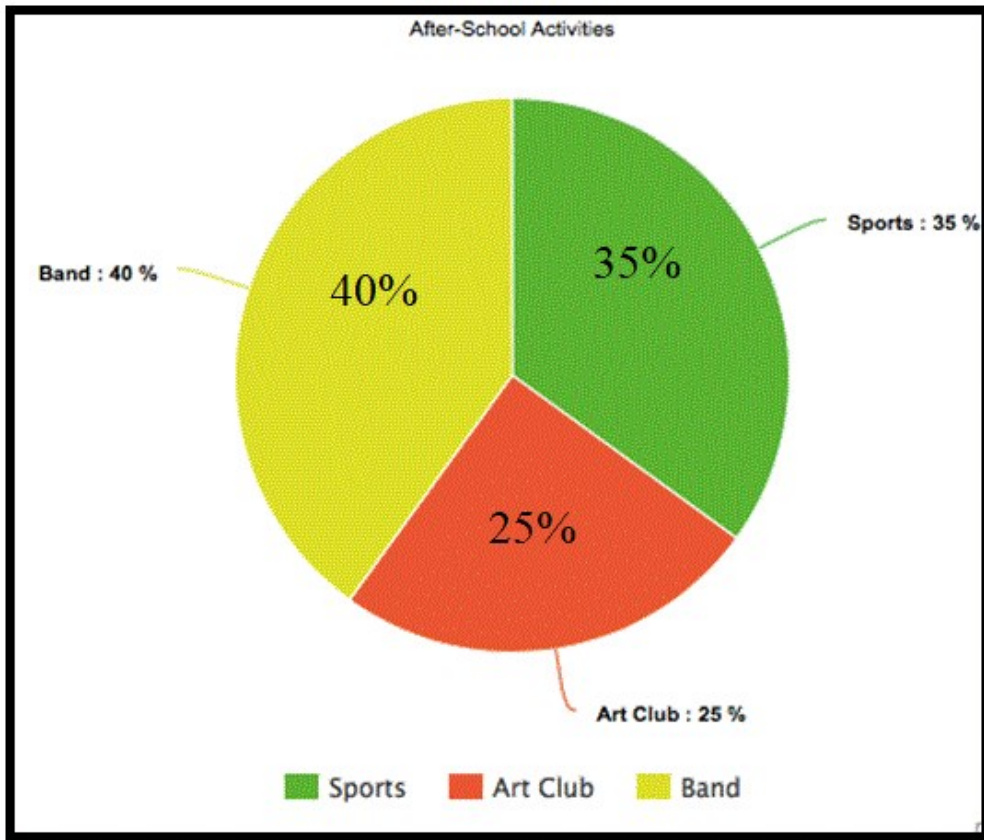
Which point on the number line below represents the number opposite the number $2\frac{1}{3}$?



- 1 point *A*
- 2 point *B*
- 3 point *C*
- 4 point *D*

6

The diagram below shows the percentages of students who participate in after-school activities at Clark Elementary School.



If there are 340 students who attend Clark Elementary School, how many of them participate in the band?

- 1 85
- 2 119
- 3 136
- 4 204

7

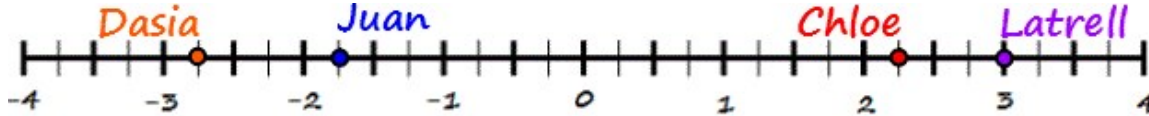
A local toy store sold 20,000 stuffed animals in January. If the toy store sells 85% of that amount in February, write an equation that can be used to calculate x , the amount of stuffed animals sold in February.

- 1 $\frac{20,000}{x} = \frac{85}{100}$
- 2 $\frac{x}{100} = \frac{85}{20,000}$
- 3 $\frac{x}{20,000} = \frac{85}{100}$
- 4 $\frac{x}{20,000} = \frac{100}{85}$

8

Four students plotted a number they were given in math class on a number line on the front board as shown below. Did each student plot his or her number correctly?

Select **Yes** or **No** for options A – D.



- A. Juan plotted -1.75 Yes No
- B. Chloe plotted 2.25 Yes No
- C. Latrell plotted -3 Yes No
- D. Dasia plotted $-3\frac{1}{4}$ Yes No

9

Look at each phrase. Does it represent the integer 5? Select **Yes** or **No** for expressions A through D.

- A. The bank credits your account 5 dollars for signing up for a new program. Yes No
- B. You owe your mom 5 dollars. Yes No
- C. Use of an ATM machine other than your bank's debits your account 5 dollars. Yes No
- D. You earned 5 dollars for mowing the lawn. Yes No

10

What number is the greatest distance from zero on a number line?

- 1 -45
- 2 -50
- 3 15
- 4 47

11

What is the distance from -20 to 0 on a number line?

- 1 -20 units
- 2 2 units
- 3 20 units
- 4 -2 units