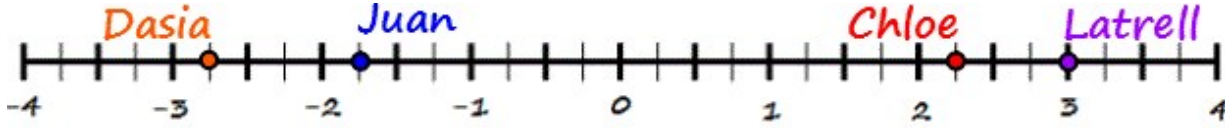


1

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

2

Look at each phrase. Does it represent the integer -20 ? Select **Yes** or **No** for expressions A through D.

- A. Your mom withdraws 20 dollars from her account using an ATM. Yes No C. The football team gained 20 yards on the last play. Yes No
- B. It is 20 degrees below zero outside today. Yes No D. The bank credited your account with 20 dollars. Yes No

3

Four new houses are being built in a neighborhood. The water well drilling company is on site to drill for the wells. The company had to drill to the following depths before they hit water: House 1: -300 ft., House 2: -585 ft., House 3: -267 ft. and House 4: -403 ft. At which house did the company have to drill the deepest?

- 1 House 1
- 2 House 2
- 3 House 3
- 4 House 4

4

Jack plays cards with his friend each afternoon. Here are his scores from the last 5 games: 8, -6 , -3 , 4, 7. Which is the *least* of his scores?

- 1 -6
- 2 7
- 3 8
- 4 -3

5

The table below shows the high temperatures ($^{\circ}\text{F}$) over the past seven days for Fairbanks, Alaska. Which day had the lowest temperature?

Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
-9	-6	-8	-2	1	0	-4

- 1 Friday
- 2 Tuesday
- 3 Thursday
- 4 Sunday

6

When the stock market crashed, several of Joe's clients lost money in their accounts. The table below shows how much money (in thousands) Joe's top 5 clients lost.

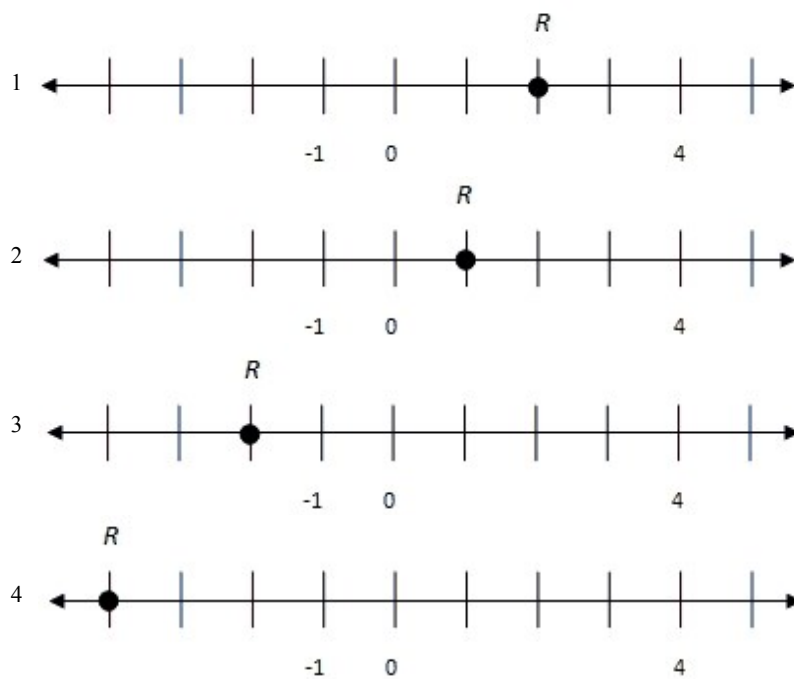
Client	Amount Lost (thousands of dollars)
Charlie	-82
Candace	-18
Corey	-46
Cathy	-26
Carly	-52

Which client lost the *least* amount of money?

- 1 Cathy
- 2 Candace
- 3 Carly
- 4 Corey

7

The letter R represents -2 on which number line?



8

In the game of golf, the best score is the *lowest* score. Which of the following players had the best score after a recent round of golf?

Player	Score
A	2
B	-7
C	-11
D	12

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

9

The number "-15" is

- 1 a counting number
- 2 an integer
- 3 a whole number
- 4 none of the above

10

The number -1 belongs to which of the following sets of numbers?

- 1 whole numbers
- 2 natural numbers
- 3 integers
- 4 counting numbers

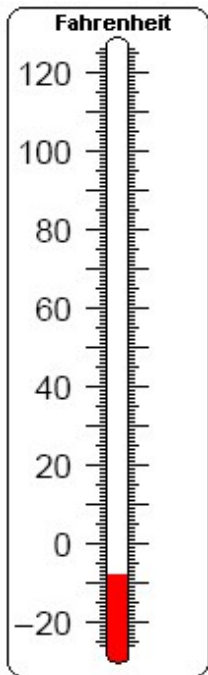
11

The number -10 is best described as which of the following?

- 1 integer
- 2 natural number
- 3 irrational number
- 4 whole number

12

What is the temperature reading of the thermometer?



- 1 18°F
- 2 8°F
- 3 -5°F
- 4 -8°F

13

Which thermometer below reads -5°F ?

- | | |
|---|---|
| 1 | 3 |
| 2 | 4 |

14

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 C. Use of an ATM machine other than your bank's debits your account 5 dollars. Yes No
- B. You owe your mom 5 dollars. Yes No D. You earned 5 dollars for mowing the lawn. Yes No

15

The table below shows the change in temperature between one Monday and the previous Monday in four cities.

City	Temperature Change
<i>M</i>	-16
<i>A</i>	-6
<i>K</i>	8
<i>E</i>	-26

Which city had the largest drop in temperature?

- 1 City *M*
- 2 City *A*
- 3 City *K*
- 4 City *E*