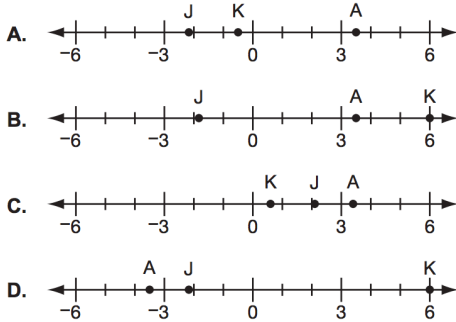


6 Amanda, Javier, and Kris each measure the change in their hair lengths over a year.

- Amanda's hair length (A) is 3.4 inches longer than last year.
- Javier's hair length (J) is 2.1 inches shorter than last year.
- Kris's hair length (K) is 0.6 inches shorter than last year.

Which number line **best** represents the changes in hair lengths of each person using points A, J, and K?



7 A snack bar sells 5 items with a mean (average) price of \$0.60, as shown below.

Snack Menu	
Chips	\$0.50
Juice	\$0.80
Apple	\$0.60
Candy	\$0.70
Gum	\$0.40

Which pair of items could be added to the menu without changing the average price?

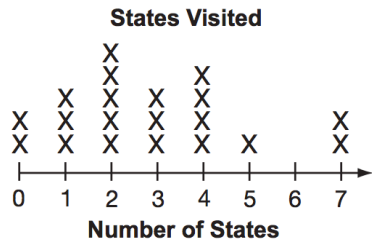
- A Banana (\$0.60) and Soda (\$0.75)
- B Banana (\$0.60) and Cookie (\$0.50)
- C Energy Bar (\$0.45) and Cookie (\$0.50)
- D Energy Bar (\$0.45) and Soda (\$0.75)

8 Which statement **best** describes the median of the data in the list below?

3, 5, 8, 9, 2, 2, 13

- A The median is a composite number and is also a factor of 12.
- B The median is a composite number and is also a factor of 18.
- C The median is a prime number and is also a factor of 15.
- D The median is a prime number and is also a factor of 8.

9 Benny asked 20 students how many states, besides Louisiana, they had visited. The line plot below shows the results.



Which statement **best** describes the distribution of the data from Benny's survey?

- A Half of the students had visited exactly 2 states.
- B Half of the students had visited 2 or more states.
- C Half of the students had visited 2 or fewer states.
- D Half of the students had visited the same 2 states.

1 The table shows the English test scores for 6 students.

English Test Grades

Student	Grade
1	78
2	92
3	80
4	95
5	85
6	70

What is the median of the test scores shown in the table?

- A 82.5
- B 83.3
- C 85.2
- D 87.5

2 The stem-and-leaf plot shows the ages of Mike's family members.

Stem	Leaf
0	3 4 8 9
1	5 7
2	2 4
3	9
4	9 9
5	5
6	1

Key: 2|4 = 24

What is the median age of Mike's family members?

- A 17
- B 22
- C 24
- D 39

3. What is the mode for the following set of data?

2.4, 1.3, 3.9, 3.1, 4.2, 6.4, 1.4,
4.6, 2.9, 1.5, 3.6, 6.3, 1.3, 5.1

- A 4.6
- B 2.4
- C 1.4
- D 1.3

4 Marguerite earned a score between 75 and 89 on all of her previous spelling tests. She earned a score of 100 on her next test. Which of the following statements is true?

- A The mode will increase.
- B The mean will increase.
- C The mean will decrease.
- D The median will decrease.

5 Jeremiah is on the Eagles bowling team. His scores for the last 12 games are shown below.

90, 103, 110, 95, 105, 110,
90, 112, 110, 96, 94, 110

What is the mode of the scores?

- A 90
- B 102
- C 104
- D 110