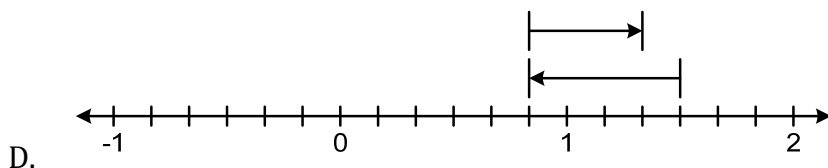
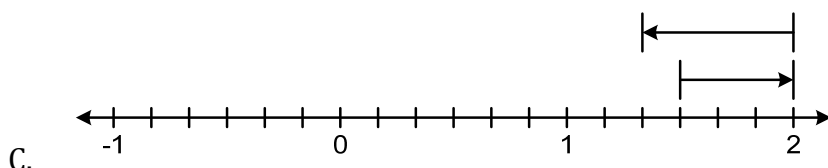
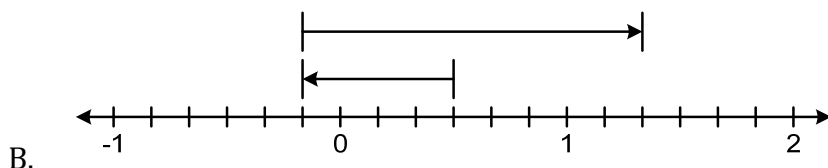
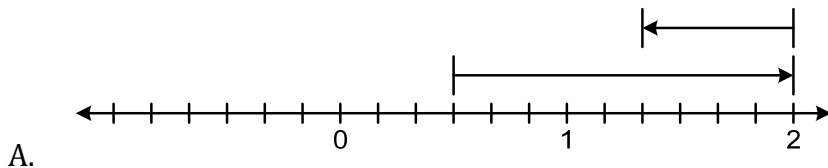

Read each question and select the best answer. Each question has exactly one correct answer.

1. Pete's father weighs 75 pounds less than 3 times Pete's weight, P . Which of the following expressions represents the weight of Pete's father, F ?
 - A. $3P - 75 = F$
 - B. $3(P - 75) = F$
 - C. $(P - 75) \div 3 = F$
 - D. $(P \div 3) - 75 = F$

2. The tire of a car traveling at a speed of 60 miles per hour rotates 269 times in 20 seconds. If the car continues to travel at the same speed, which of the following is the number of times the tire will rotate in 1 hour?
 - A. 807
 - B. 16,140
 - C. 48,420
 - D. 968,400

3. Becky bought a new television and paid 8% sales tax. She had a coupon for 15% off of the original price of the television (T) before tax. In terms of T , which of the following is the final price Becky paid for the television?
 - A. $0.08(0.15T)$
 - B. $0.08(0.85T)$
 - C. $1.08(0.15T)$
 - D. $1.08(0.85T)$

4. Which of the following models represents $\frac{3}{2} - \frac{2}{3} + \frac{1}{2}$?



5. Selena has a bag containing 4 green marbles, 5 red marbles, 6 blue marbles, 7 black marbles, and 8 yellow marbles. If she takes all of the red marbles out of the bag and then picks one marble at random, which of the following is the probability that she will select a black or yellow marble from the bag?

A. $\frac{4}{15}$

B. $\frac{1}{2}$

C. $\frac{3}{5}$

D. $\frac{2}{3}$

Question	Key	Competency
1	A	Expressions & Equations: Write, read, and evaluate expressions in which letters stand for numbers.
2	C	Ratios & Proportional Relationships: Compute unit rates associated with ratios of fractions, including ratios of lengths, areas, and other quantities measured in like or different units.
3	D	Expressions & Equations: Understand that rewriting an expression in different forms in a problem context can shed light on the problem and how the quantities in it are related.
4	D	The Number System: Apply and extend previous understandings of addition and subtraction to add and subtract rational numbers; represent addition and subtraction on a horizontal or vertical number line diagram.
5	C	Statistics & Probability: Understand that the probability of a chance event is a number between 0 and 1 that expresses the likelihood of the event occurring.