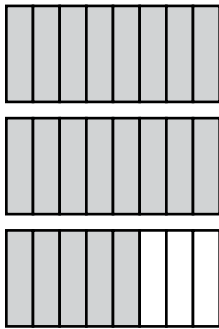


Test
3

Practice Test

1

In simplest form, what fraction of the rectangles below are shaded?



- (A) $2\frac{1}{2}$ (C) $2\frac{3}{4}$
 (B) $2\frac{5}{8}$ (D) 3

2

Which is the best estimate for the mass of a gallon container of milk?

- (F) 40 grams
 (G) 400 grams
 (H) 4 kilograms
 (J) 40 kilograms

3

Below are the cards in each suite of standard playing cards.

2, 3, 4, 5, 6, 7, 8, 9, 10,
 Jack, Queen, King, Ace

George draws one card at random from one suit. In simplest form, what is the probability of George drawing a card other than a Jack, Queen, or King?

- (A) $\frac{1}{4}$
 (B) $\frac{3}{13}$
 (C) $\frac{3}{4}$
 (D) $\frac{10}{13}$

Practice Test

**Test
3**

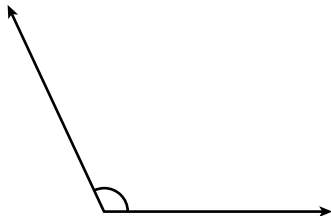
4

In 1928, the water speed record was 149.409 kilometers per hour. 50 years later, the record was 511.13 kilometers per hour. Which is the best estimate for how much faster the 1978 record was than the 1928 record, in kilometers per hour?

- (F) 350 (H) 370
(G) 360 (J) 380

5

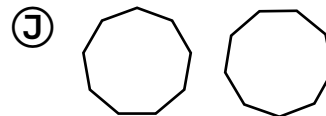
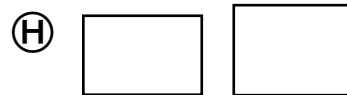
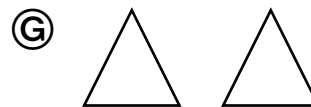
Use a protractor. What is the measure of the angle below?



- (A) 75° (C) 110°
(B) 80° (D) 115°

6

Which set of figures is similar but not congruent?



Test
3

Practice Test

7

What is the missing number in this function table?

X	Y
8	5
20	12.5
40	?
66	41.25

- (A) 20
- (B) 25
- (C) 31.75
- (D) 37

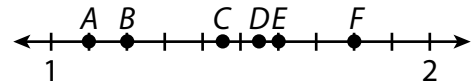
8

Marjorie decides to buy *BigCoffeeCo* gift cards for her four best friends. If each gift card is worth d dollars, which expression represents how much she has spent altogether?

- (F) $d - 4$
- (G) $d + 4$
- (H) $d \div 4$
- (J) $d \times 4$

9

On the number line below, where would 1.7 be located?



- (A) between A and B
- (B) between C and D
- (C) between D and E
- (D) between E and F

Practice Test

Test
3

10

A list of potential customer names from a marketing company costs \$106 for every thousand names. The number of sets of 1,000 names can be represented by s .

Part A

If Leah's publishing company spends \$1,908 for customer names, how many sets of one thousand names did her company buy?

Part B

- Use what you know about equations to explain how you found your answer. Use words, numbers, and/or symbols in your answer.
- Suppose that the price for 1,000 names increased to \$120. How much would Leah's company spend to buy the same number of names? You can use P to represent the price they will pay. Use what you know about equations to explain how you found your answer. Use words, numbers, and/or symbols in your answer.

GO ON 