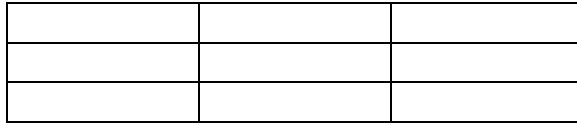


SAMPLE QUESTIONS FOR MATH CONTEST

1. How many rectangles are in this figure?

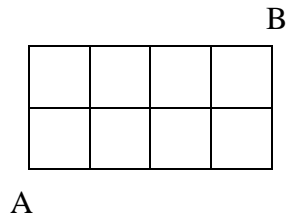


- A) 24
- B) 36
- C) 48
- D) 60
- E) 72

2. Jerry is thinking of two numbers. Their greatest common factor is 8. Their least common multiple is 280. One of the numbers is 40. What is the other number?

- A) 28
- B) 36
- C) 56
- D) 60
- E) 76

3. How many shortest different paths are there from point A to point B?



- A) 25
- B) 20
- C) 15
- D) 12
- E) 10

4. Four painters paint 4 houses in 4 days. How many days will it take for two painters to paint two houses?
- A) 1
 - B) 2
 - C) 3
 - D) 4
 - E) 8
5. Jack needs 35 slices of pizza for the party. Each pizza is cut into 8 slices. At least how many pizza jack needs for the party?
- A) 2
 - B) 3
 - C) 4
 - D) 5
 - E) 6
6. The width of a rectangular rug is 10 feet. If the perimeter is 50 feet, what is the area of the rug?
- A) 150 sq. ft.
 - B) 120 sq. ft.
 - C) 100 sq. ft.
 - D) 80 sq. ft.
 - E) 60 sq. ft
7. How many three digit positive integers are there?
- A) 850
 - B) 890
 - C) 899
 - D) 900
 - E) 990

Answer Key:

- 1- B
- 2- C
- 3- C
- 4- D
- 5- D
- 6- A
- 7- D