Math Madness #1

1. Colleen is solving this homework problem.

2 × 12 – (6 + 16)

Which operation should Colleen complete first to find the value of the expression?

a. 6 + 16
b. 2 × 12
c. 12 – 6
d. 2 + 16

2. If ▭ = 100,000 , △ = 100 and ○ = 10, what number is represented below?

▭ ▭ ▭ ▭ △ △ △ △ △ △ △ △ △ △ ○ ○ ○ ○ ○ ○

a. 406
b. 4,106
c. 401,060
d. 410,060

3. In Joel's class there are twice as many girls as boys. If there are 8 boys in the class, how many children are in the class?

a. 16
b. 20
c. 24
d. 32

4. Which decimal is equivalent to $\frac{6}{10}$?

a. 6.10
b. 0.6
c. 0.06
d. 0.006

5. There were 3 liters of lemonade in a pitcher. Ms. Shuman poured $1\frac{4}{5}$ liters into cups and accidently spilled $\frac{1}{5}$ liter on the floor. How much lemonade was left?

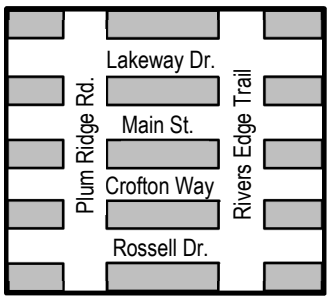
a. $\frac{2}{5}$ liter
b. $\frac{3}{5}$ liter
c. 1 liter
d. $1\frac{3}{5}$ liters

6. Lauren's computer table is 1 meter wide. Which of the following is equivalent to 1 meter?

a. 10 centimeters
b. 100 centimeters
c. 1,000 centimeters
d. 10,000 centimeters

7. Which street appears to be perpendicular to Lakeway Drive?

a. Main Street
b. Crofton Way
c. Rossell Drive
d. Rivers Edge Trail

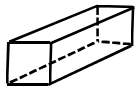


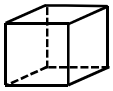
8. Which figure has faces that are all congruent?

a. square pyramid
b. sphere
c. rectangular prism
d. cube


Square pyramid

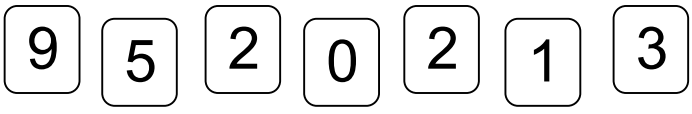

Sphere


Rectangular prism


Cube

9 & 10 (2 points) Short Answer / Extended Response

Kevin must use these number tiles to make a number. He may use each tile only once.



What is the largest odd number he can make? _____

What is the place value of the 3? _____

What is Kevin's number rounded to the nearest hundred thousand? _____