

Name: _____

Addition

Class: _____

A) Circle.

 $(a + b) + c = a + (b + c)$ is commutative property of addition **True False** $a + b = b + a$ is associative property of addition **True False**

B) Estimate and solve the story.

Bob has 3 sticks. The first stick is 320cm long. The second is 456cm long, and the third is 197cm long.

About how long are Bob's sticks altogether?

Estimate:

Word Answer:

Tom writes three essays. 1,744 people read his first post. 6,684 people read his second post. Tom's third post has 1,462 readers.

About how many readers do Tom's essays have altogether?

Estimate:

Word Answer:

C) Use the table to the right to answer the questions.

What is the total of the least and greatest building?

What is the total height of all the buildings?

Name	Height in Cm
The Shard	31,675
22 Bishop gate	27,846
One Canada Square	23,500
Landmark pinnacle	23,366
Heron Tower	23,000
Strata	14,700

Gary estimates that the sum of The Shard, Heron Tower, and the Strata height is about 70,000cm when rounding to the nearest ten thousand. Is he correct? Explain.