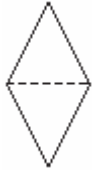


G.G.13: Apply the properties of a regular pyramid, including: lateral edges are congruent, lateral faces are congruent isosceles triangles, and volume of a pyramid equals one-third the product of the area of the base and the altitude

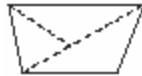
1. 080215a, P.I. G.G.13

Which piece of paper can be folded into a pyramid?

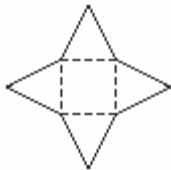
[A]



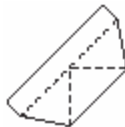
[B]



[C]



[D]



2. 060904ge, P.I. G.G.13

The lateral faces of a regular pyramid are composed of

[A] squares

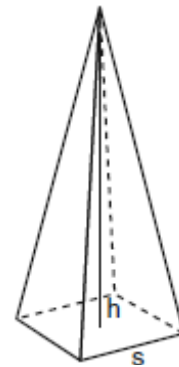
[B] congruent isosceles triangles

[C] rectangles

[D] congruent right triangles

3. 080930ge, P.I. G.G.13

A regular pyramid with a square base is shown in the diagram below.



A side, s , of the base of the pyramid is 12 meters, and the height, h , is 42 meters. What is the volume of the pyramid in cubic meters?

G.G.13: Apply the properties of a regular pyramid, including: lateral edges are congruent, lateral faces are congruent isosceles triangles, and volume of a pyramid equals one-third the product of the area of the base and the altitude

[1] C _____

[2] B _____

[2] 2016, and appropriate work is shown.

[1] Appropriate work is shown, but one computational error is made.

or [1] Appropriate work is shown, but one conceptual error is made.

or [1] 2016, but no work is shown.

[0] A zero response is completely incorrect, irrelevant, or incoherent or is a correct response that was obtained by an obviously

[3] incorrect procedure. _____