

Math Work Sheet: Obelisk

Name: _____

How many sides does Obelisk have?

6 (4 sides plus a top and a base)

How many Faces do we see?

10

How many are there altogether?

12 (with the top and the base)

How many vertices can we see? Altogether? Per side?

52, 10 on Side's 2 and 4, 16 on sides 1 and 3

How many are the altogether?

60 including 4 on the top and 4 on the base.

How many Polygons are there altogether in the entire Sculpture?

(11 including the top and base)

What are the names of the Polygons?

Side 1: 4 Quadrilaterals

Side 2: 1 Decagon

Side 3: 4 Quadrilaterals

Side 4: 1 Decagon

Top: 1 Rectangle

Base: 1 Rectangle

What shape is the Base?

Rectangular

What shape is the top?

Rectangular

Are there any Reflected Shapes?

Yes!

What do you notice about side 1 and 3? What do you notice about sides 2 and 4?

They have the same amount of Polygons, They are both Decagons, of the same shape.