

5-2-19 & 5-3-19

Aim: SWBAT construct prisms and pyramids and investigate their features.

HW: [Finish Packet Page 9](#)



Do Now: Form groups and get materials to finish activity

**Aim:** SWBAT construct prisms and pyramids and investigate their features.

**Do Now:** What are some differences between 2-dimensional and 3-dimensional figures?

Complete each table and sentence.

| Prism                   | # of Bases | Shape of Base(s) | # of Faces | Shape of Faces |
|-------------------------|------------|------------------|------------|----------------|
| Cube                    | 2          | Squares          | 4          | Squares        |
| Rectangular Prism       | 2          | Rectangles       | 4          | Rectangles     |
| Triangular Prism        | 2          | Triangles        | 3          | Rectangles     |
| Pentagonal Prism<br>(5) | 2          | Pentagon         | 5          | Rectangles     |
| Octagonal Prism<br>(8)  | 2          | Octagons         | 4          | Rectangles     |

A prism has \_\_\_\_\_ base polygons and as many \_\_\_\_\_ (usually rectangles) as the polygonal bases have sides.

| Pyramid             | # of Bases | Shape of Base(s) | # of Faces | Shape of Faces |
|---------------------|------------|------------------|------------|----------------|
| Triangular Pyramid  | 1          | Triangle         | 3          | Triangles      |
| Square Pyramid      | 1          | Square           | 4          | Triangles      |
| Rectangular Pyramid | 1          | Rectangle        | 4          | Triangles      |
| Pentagonal Pyramid  |            |                  |            |                |
| Octagonal Pyramid   |            |                  |            |                |

A pyramid has \_\_\_\_\_ base polygon and as many \_\_\_\_\_ as the polygonal base has sides.