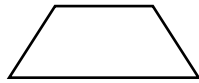


# Trapezoids and Parallel Lines

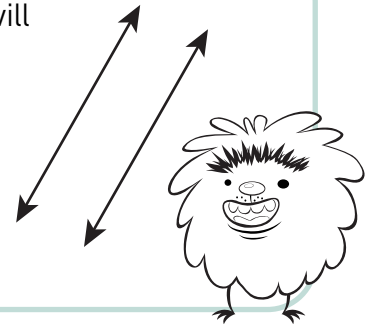
A **trapezoid** is a quadrilateral that has:

- Four sides
- Four corners
- At least one set of parallel lines



**Parallel lines** are lines that will never cross, or intersect.

\*They are always the same distance apart, and they will never meet!

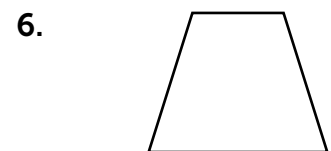
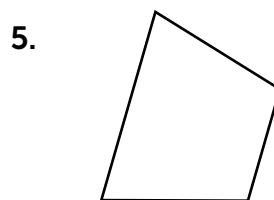
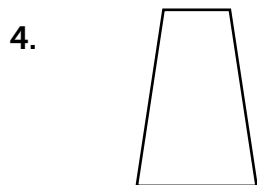
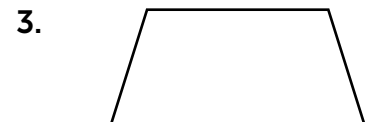
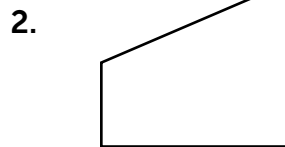
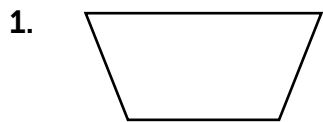


## Part 1 - Identify Parallel Lines

**Directions:** Highlight the set of parallel lines in each trapezoid.

**Tip:** If you extend the lines in a trapezoid or other 2-D shape, you can see if the lines will intersect.

- If they do intersect, they are **not parallel** lines.
- If they do not intersect, they **are parallel** lines.



## Part 2 - Compare 2-D Shapes

**Directions:** In each problem below, color the shapes with parallel lines.

