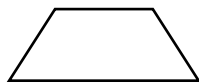


ANSWERS Trapezoids and Parallel Lines

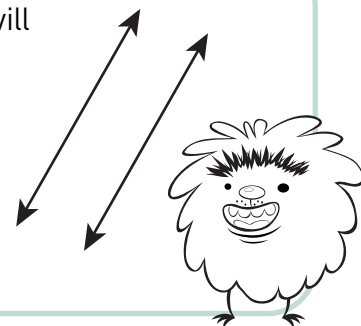
A **trapezoid** is a quadrilateral that has:

- 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!

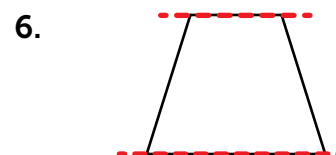
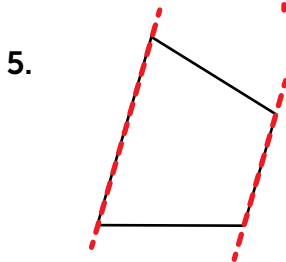
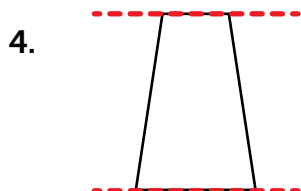
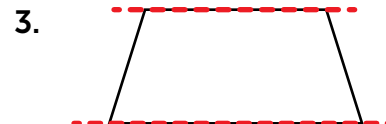
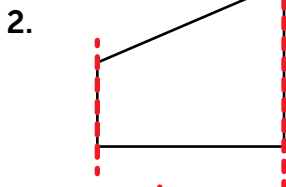


Part 1 - Identify Parallel Lines

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.



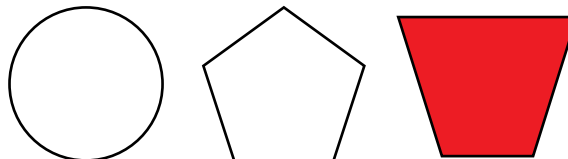
Part 2 - Compare 2-D Shapes

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

7.



8.



9.



10.

