# Identifying Parallel and Perpendicular Lines

Name: _____ Date: _____

**Remember:**

- **Parallel lines** never meet and are always the same distance apart (∥)
- **Perpendicular lines** meet at right angles (90°) (⊥)

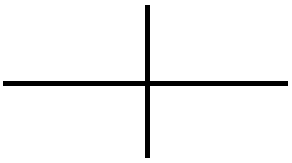
## Part A: True or False

1. Parallel lines will eventually meet if extended far enough. _____
2. Perpendicular lines form a right angle where they intersect. _____
3. Two horizontal lines are parallel to each other. _____
4. The opposite sides of a rectangle are perpendicular. _____
5. Perpendicular lines always cross at exactly 90°. _____

## Part B: Identify the Lines

Look at the diagrams below. Write **P** for parallel or ⊥ for perpendicular.

1. _____



2. _____

3. _____

## Part C: Finding Lines in Shapes

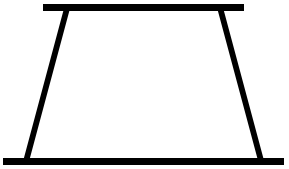
For each shape, answer the questions below.

**Rectangle**

a) How many pairs of parallel sides? _____

b) How many pairs of perpendicular sides? _____

**Trapezium**



c) How many pairs of parallel sides? _____

d) How many pairs of perpendicular sides? _____

## Part D: Real World Examples

Name one real-world object or structure that contains:

1. Parallel lines: _____
2. Perpendicular lines: _____