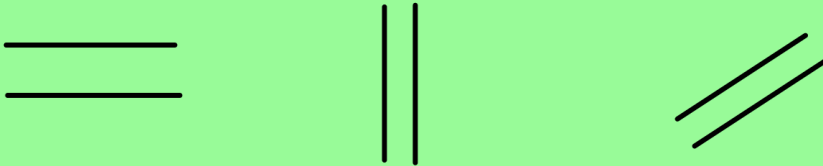


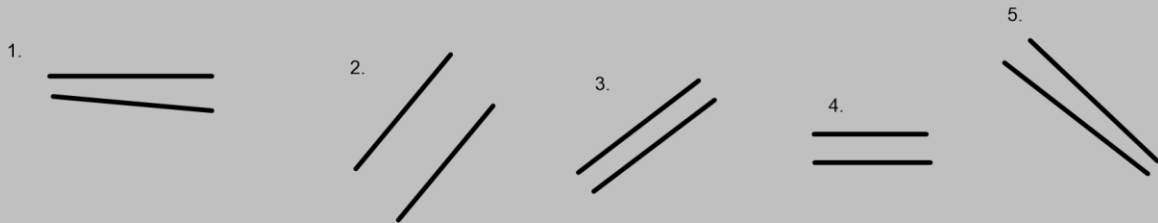
LO: parallel and perpendicular lines

## parallel lines

Parallel lines are lines that never meet.



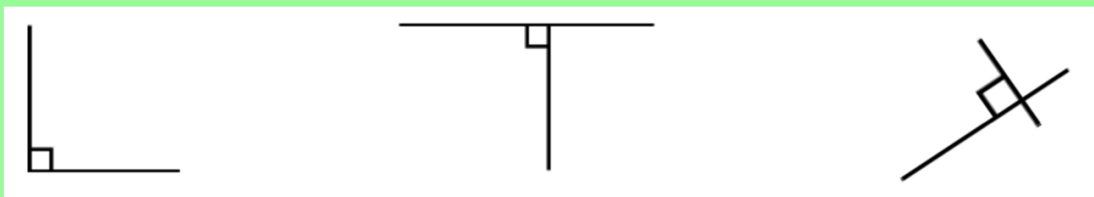
a. Identify if the lines are parallel or not.



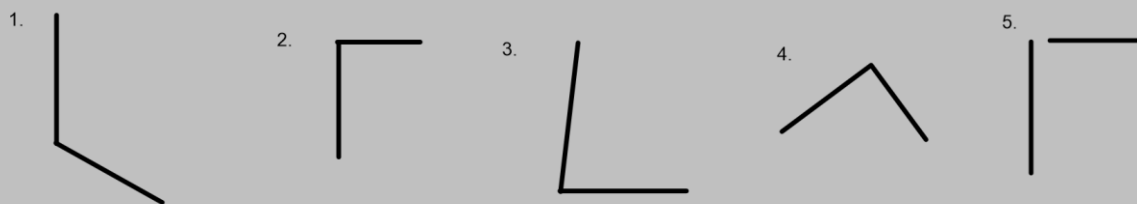
b. Identify some parallel lines in your home. Take some pictures of them.

## perpendicular lines

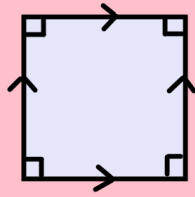
Perpendicular lines are lines that meet at a right angle.



Identify the perpendicular lines.

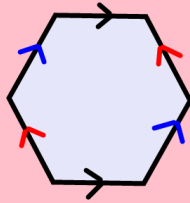


Identify if the shapes have parallel or perpendicular lines.



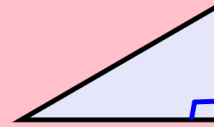
Two pairs of parallel lines.

Four pairs of perpendicular lines.



Three pairs of parallel lines.

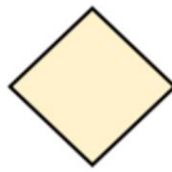
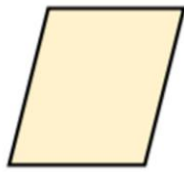
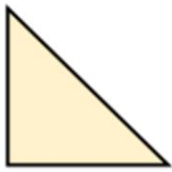
No pairs of perpendicular lines.



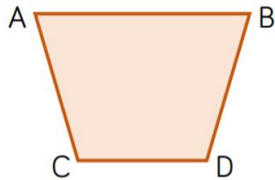
No pairs of parallel lines.

One pair of perpendicular lines.

Identify if the shapes have parallel or perpendicular lines.



True or False?



Line AB is parallel to line CD.

Line AC is parallel to line BD.

Line AC is perpendicular to line CD.

Redraw the shape so that line BD is perpendicular to line CD.

These lines are NOT parallel.



Convince me.