

Name: \_\_\_\_\_

Class: \_\_\_\_\_

## Lines

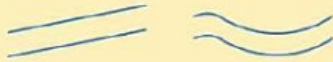
There are many types of lines.

- Straight lines and curved lines



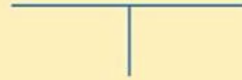
Which is the shorter line, AB or CD?

- Parallel lines



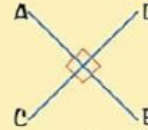
Parallel lines never meet, they keep the same distance apart. They can be straight or curved.

- Horizontal and vertical lines



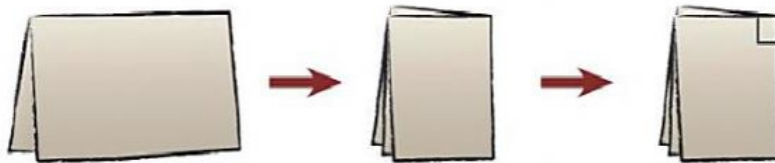
Horizontal is in the same direction as the horizon. A vertical line is at right angles to a horizontal line.

- Perpendicular lines



Lines which cross each other at right angles, or meet at a right angle are called perpendicular lines. AB is perpendicular to CD.

- 1 Make a square corner so that you can find and draw perpendicular lines.



- Fold a piece of paper in half.
  - Fold it in half again so that you have a square corner.
  - Draw a square on the corner to show the right angle.
- a) Use your square corner to find items around the room that have perpendicular lines. Finished in class. Học sinh đã hoàn thành trên lớp.
  - b) Draw a horizontal straight line, 8 cm long. Use your square corner to draw three lines perpendicular to that line. Make each line a different length. Finished in class. Học sinh đã hoàn thành trên lớp
  - c) Are the three lines you have drawn parallel to each other?

## Angles and degrees

We use degrees ( $^{\circ}$ ) to measure angles.

A  $\frac{1}{4}$  turn is also called a right angle.

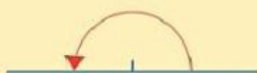
There are 90 degrees ( $90^{\circ}$ ) in a right angle.



A complete turn is the same as four right angles, or  $360^{\circ}$ .



A straight line is  $180^{\circ}$ .



Try to recognise these two types of angle:

Acute angle  
Less than  $90^{\circ}$



Obtuse angle  
Between  $90^{\circ}$  and  $180^{\circ}$

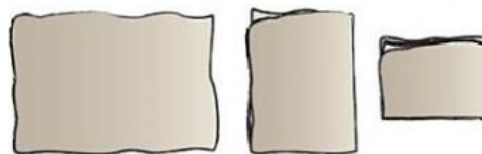


- 1** Take a piece of rough paper.

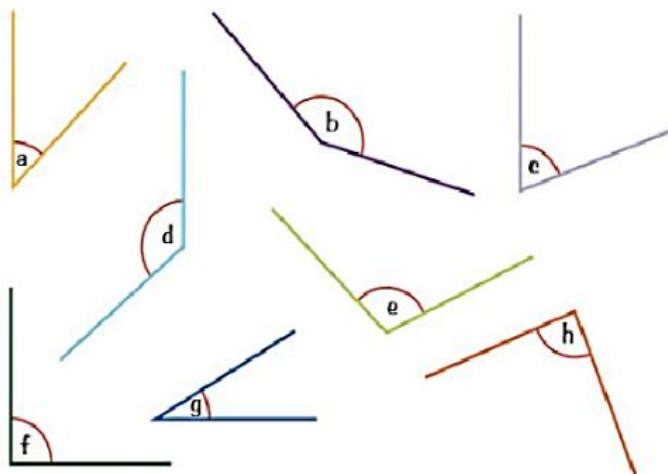
a) Fold it to make a straight line.

b) Fold it again to make a right angle.

*Finished in class. Học sinh đã hoàn thành trên lớp.*



- 2** Write **acute**, **obtuse** or **right** angle for each of these angles.  
Use your folded right angle to help you.



a	
b	
c	
d	
e	
f	
g	
h	