



WELCOME

we're glad you're here



LET

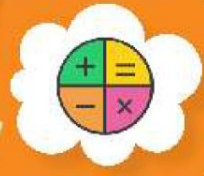
the

ADVENTURE

Begin

Chapter 4

Mathematics and Geometry





Pirates of the Carribbean

Lines are fundamental elements in geometry, characterized by their length and direction.



length

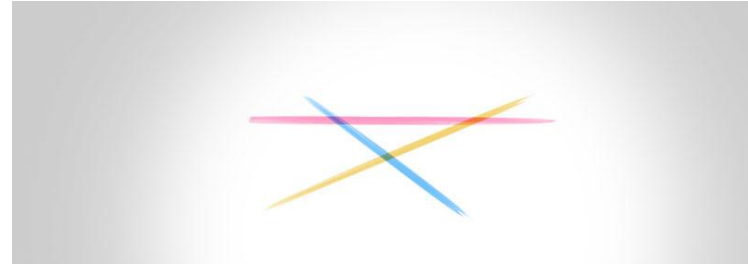


direction



Here are some common types of lines:

Straight line



A line that extends definitely in both directions and does not curve.

Straight line



Curved line



A curved line is a type of line that **does not** follow a **straight path**.

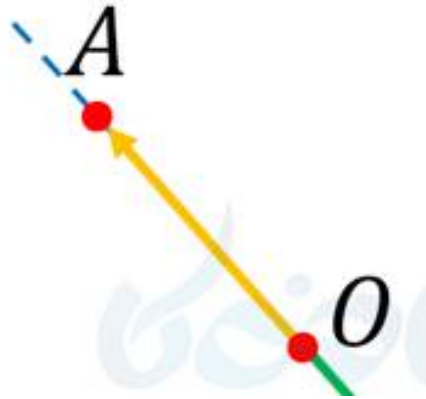
Curved line



A part of a line that has one endpoint and extends infinitely in one direction.

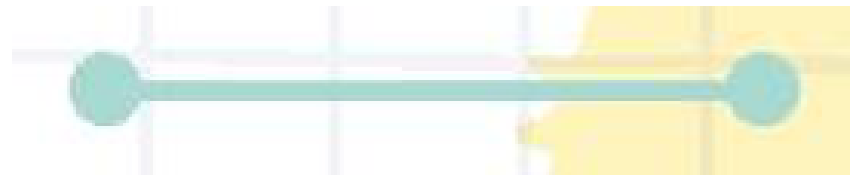


Line Segment



A type of line that has two endpoints.

Line Segment



Parallel lines



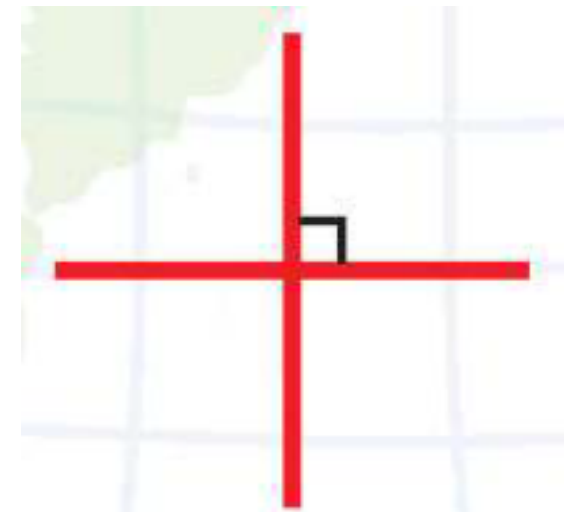
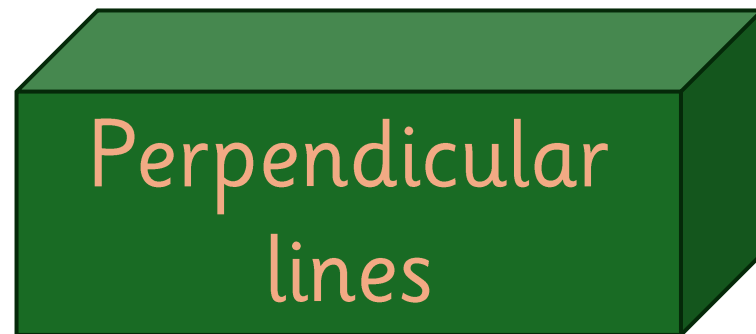
Lines in a same plane that do not intersect. They remain equidistant from each other at all points.

Parallel lines



Perpendicular lines

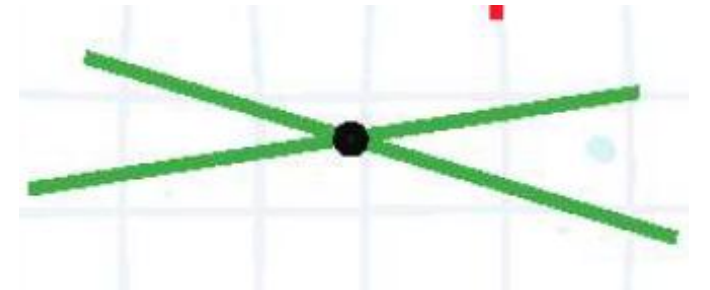
Lines that intersect at a right angle (90 degrees).



Intersecting
lines

Lines that cross or meet at a **common** point.

Intersecting
lines



Thank You

