

Lines are classified in lots of different ways: by which way they run, whether they intersect with lines or not, and how they intersect with other lines. When you are talking about geometry, knowing the names of lines is important.



## Key vocabulary

---

### **line**

A set of points extending in a straight path without end in either direction.

### **intersect**

To meet or cross something.

### **parallel**

If two straight lines are parallel, they stay the same distance from each other, and they never cross or meet.

### **perpendicular**

A line that is at right angles to another line or to a surface.

### **horizontal line**

A line that runs flat and parallel to the ground.

### **vertical line**

A line that runs upright or straight up and down.

## Related articles



### Lines of Symmetry

Lines of symmetry divide a figure into halves that look like mirror images.



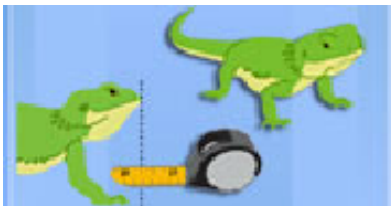
### Classify Quadrilaterals

Do you know what it takes to be a quadrilateral? To classify shapes, it is important to have every angle covered. We can show you how!



### Customary Units of Length

We need measurements to make sure our cakes come out tasting good and our clothes fit. But there is more than one way to measure. Which do you use?



### Measure Length

Get out your rulers, yard sticks, and tape measures. It is time to measure length.



### Measure Angles

Nothing is too hard to measure if you have the right tools, even angles. Find out how to capture any angle's measurement, anytime!



### Classify Angles

So you know a lot about angles now, but can you classify them?

Everything you need to know about classifying angles is right here.



Anyone can build an angle. All it takes is a little know-how and the right tool. Got your protractor?



### Units of Measurement

There are two major systems of measurement. Learn how these systems are used around the world.