

## Grade 6 - Scratch Geometry - The Trapezoid

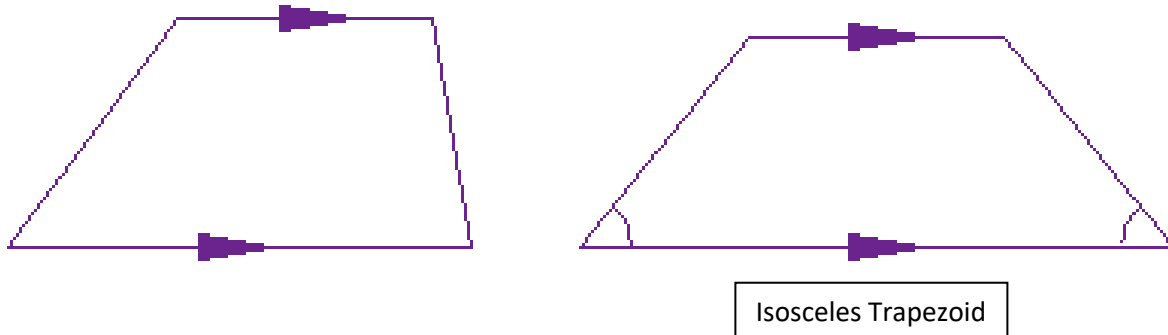
1) Your challenge is to create an isosceles trapezoid.

What are the characteristics of a trapezoid?

What about the sides?

What about the angles?

How many degrees in total around a trapezoid?



A trapezoid is a four-sided shape.

A trapezoid has a pair of opposite sides parallel.

An **isosceles** trapezoid, as shown above, is created when the two sides joining the parallel sides are equal in length and both angles coming from a parallel side are also equal.

Add the appropriate **move** blocks and **turn** blocks to create an isosceles trapezoid.

Show Mr. Desmond what you have done.

2) Your challenge is to create a right-angle trapezoid.

A right-angle trapezoid is created when the one of the two sides joining the parallel sides is at a right angle.

Drawing a picture of a right-angle trapezoid may be a helpful step prior to coding.

Show Mr. Desmond what you have done.