

✓ <u>Types of a trapezoid</u>:

Isosceles trapezoid:

I'm a trapezoid, so I have a pair of parallel sides. In addition to the following properties:

- \succ My legs are equal.
- > My base angles are equal.
- My diagonals are equal.
- > My opposite angles are supplementary.
- ➤ My bases share the same peerpendicular bisector.

How to prove a trapezoid Isosceles?



Notice that, an isoscles trapezoid admits one axis of symmetry, the perpendicular bisector of the bases.

Right trapezoid:

I'm a trapezoid in which one of my legs is <u>perpendicular</u> to my bases.

A B

Extra things to know about a trapezoid



