

Area of Trapezoids

a) Simplified: Area of a trapezoid = (base₁ + base₂) times Height divided by 2

	a) What is the value of base ₁ ?
	b) What is the value of base ₂ ?
	c) Base ₁ plus base ₂ ?
	d) Sum divided by 2? (average of bases)
	a) Sum times Height?

Trapezoid



trapezoid

A [quadrilateral](#) which has at least one pair of parallel sides.

Base	Bases are the parallel lines
Base ₁	Base ₁ is one of the bases.
Base ₂	Base ₂ is the other base. You add both bases together, to get the average length of the bases. You then divided by two, to get a midpoint.
Area	The surface area of a polygon. The amount of paint, wall paper, or drywall you would need to cover a wall. The amount of sod or astroturf you would need to cover a football field.
Note	You need to study the formal example. On PARCC you will be given the formula. You will be expected to be able to apply it without a go-by crutch.