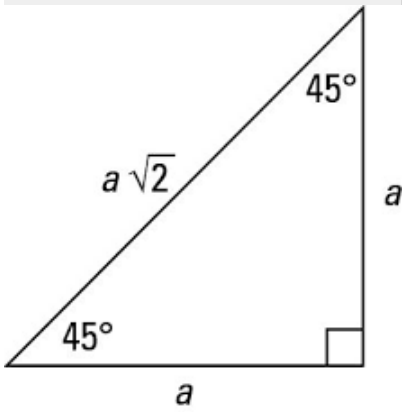
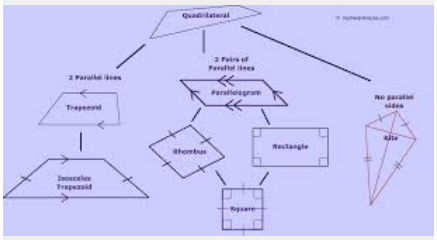
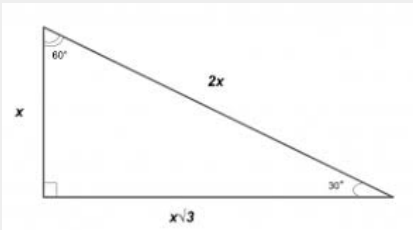
45/45/90



Quadrilateral diagram



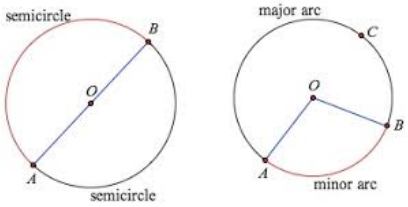
30/60/90



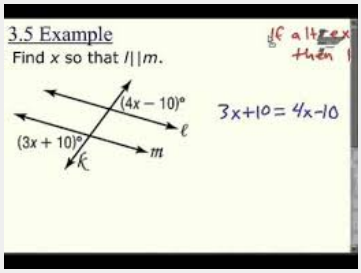
Quadlaterals

Oppisite sides are congruent. Diagonals are congruent	Rhombus
Diagonals are perpendicular. Not all sides are congruent	Kite
Diagonals are congruent. Opposite angles are not	Insoles trapezoid
Diagonals bisect each other. Not all sides are congruent. Not all angles are congruent	parallelogram

Arc length



Formulas

Area of a trapezoid	a = 1/2h (b1+ b2)
Area of a kite	A = ½ (d1xd2)
Area of a Rhomubs	A = ½ (d1xd2)
Pythagorean Theorm	a2+ b2 = c2
Side splitter	Step 1: cross multiply Step 2: solve for x
Arc length	Arc measure/ 360x2πr
Area of a sector	Measurement/sector (2πr)
Area of a segment	Area of a sector-measure/360 (πr2) - 1/2h

Parallel/Transversal