

Circle	both x^2 and y^2 x^2 and y^2 ADDED	Ellipse	both x^2 and y^2 x^2 and y^2 ADDED <i>COEFFICIENTS INFRONT OF SQUARED TERMS (not equal)</i> Leader of the band has the biggest denominator a
Hyperbola	both x^2 and y^2 x^2 and y^2 SUBTRACTED <i>COEFFICIENTS INFRONT OF SQUARED TERMS</i> Leader of the band is FIRST denominator; size does not matter	Parabola	ONLY x^2 OR y^2 x and y are on separate sides of the equal sign the squared term gets the leading coefficient a