



Equation of Ellipse

Identify the vertices, co-vertices, foci.

1) $\frac{x^2}{81} + \frac{y^2}{49} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

2) $\frac{x^2}{121} + \frac{y^2}{169} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

3) $\frac{x^2}{169} + \frac{y^2}{64} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

4) $\frac{x^2}{95} + \frac{y^2}{30} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

5) $\frac{x^2}{36} + \frac{y^2}{16} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

6) $\frac{x^2}{49} + \frac{y^2}{169} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

7) $\frac{(x+5)^2}{81} + \frac{(y-1)^2}{144} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

8) $\frac{(x-3)^2}{49} + \frac{(y-9)^2}{4} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

9) $\frac{x^2}{64} + \frac{(y-8)^2}{9} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____

10) $\frac{x^2}{64} + \frac{(y-6)^2}{121} = 1$

Vertices: _____

Co-vertices: _____

Foci: _____