Graph and label the center, major and minor axes and foci of the following ellipses.

$$\frac{(x-h)^2}{a^2}+\frac{(y-k)^2}{b^2}=1; \qquad b^2=a^2-c^2$$

(h, k) is the center, the a and b represent the distances from the center (h, k) on the major and minor axes, respectively.

1. Graph the ellipse with equation $\frac{x^2}{9}+\frac{y^2}{4}=1$

2. Graph the ellipse with equation $\frac{(x-2)^2}{4}+\frac{(y+1)^2}{9}=1$

3. Graph the ellipse with equation $\frac{x^2}{16}+\frac{(y-3)^2}{25}=1$

4. Graph the ellipse with equation $\frac{(x+1)^2}{25}+\frac{(y-2)^2}{9}=1$

5. Graph the ellipse with equation $\frac{x^2}{4}+\frac{y^2}{16}=1$

6. Graph the ellipse with equation $\frac{(x-3)^2}{9}+\frac{y^2}{25}=1$

7. Graph the ellipse with equation $\frac{x^2}{25}+\frac{(y+2)^2}{9}=1$

8. Graph the ellipse with equation $\frac{(x+2)^2}{16}+\frac{(y-1)^2}{4}=1$

9. Graph the ellipse with equation $\frac{x^2}{9}+\frac{y^2}{16}=1$

10. Graph the ellipse with equation $\frac{(x-1)^2}{16}+\frac{(y+3)^2}{4}=1$