

## Actividad 22

Completa el procedimiento para cada ecuación de la elipse.

| Ecuación                            | Eje | a | b | c | Eje Conjugado | Eje transverso | Distancia Focal | Coordenadas del vértice | Coordenadas del Foco    | L.L.R | e |
|-------------------------------------|-----|---|---|---|---------------|----------------|-----------------|-------------------------|-------------------------|-------|---|
| $\frac{x^2}{9} - \frac{y^2}{4} = 1$ |     |   |   |   |               |                |                 | A (     )<br>A' (     ) | F (     )<br>F' (     ) |       |   |

| a                                 | b                                 | c                                 | Eje Conjugado      | Eje transverso     | Distancia Focal    | L.L.R                                             | e                                    |
|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---------------------------------------------------|--------------------------------------|
| $a = \sqrt{\quad}$<br>$a = \quad$ | $b = \sqrt{\quad}$<br>$b = \quad$ | $c = \sqrt{\quad}$<br>$c = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $\frac{2(\quad)^2}{(\quad)}$<br>L. L. R = $\quad$ | $\frac{\quad}{\quad}$<br>$e = \quad$ |

| Ecuación                              | Eje | a | b | c | Eje Conjugado | Eje transverso | Distancia Focal | Coordenadas del vértice | Coordenadas del Foco    | L.L.R | e |
|---------------------------------------|-----|---|---|---|---------------|----------------|-----------------|-------------------------|-------------------------|-------|---|
| $\frac{y^2}{25} - \frac{x^2}{36} = 1$ |     |   |   |   |               |                |                 | A (     )<br>A' (     ) | F (     )<br>F' (     ) |       |   |

| a                                 | b                                 | c                                 | Eje Conjugado      | Eje transverso     | Distancia Focal    | L.L.R                                             | e                                    |
|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---------------------------------------------------|--------------------------------------|
| $a = \sqrt{\quad}$<br>$a = \quad$ | $b = \sqrt{\quad}$<br>$b = \quad$ | $c = \sqrt{\quad}$<br>$c = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $\frac{2(\quad)^2}{(\quad)}$<br>L. L. R = $\quad$ | $\frac{\quad}{\quad}$<br>$e = \quad$ |

| Ecuación                              | Eje | a | b | c | Eje Conjugado | Eje transverso | Distancia Focal | Coordenadas del vértice | Coordenadas del Foco    | L.L.R | e |
|---------------------------------------|-----|---|---|---|---------------|----------------|-----------------|-------------------------|-------------------------|-------|---|
| $\frac{x^2}{25} - \frac{y^2}{16} = 1$ |     |   |   |   |               |                |                 | A (     )<br>A' (     ) | F (     )<br>F' (     ) |       |   |

| a                                 | b                                 | c                                 | Eje Conjugado      | Eje transverso     | Distancia Focal    | L.L.R                                             | e                                    |
|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---------------------------------------------------|--------------------------------------|
| $a = \sqrt{\quad}$<br>$a = \quad$ | $b = \sqrt{\quad}$<br>$b = \quad$ | $c = \sqrt{\quad}$<br>$c = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $\frac{2(\quad)^2}{(\quad)}$<br>L. L. R = $\quad$ | $\frac{\quad}{\quad}$<br>$e = \quad$ |

| Ecuación                               | Eje | a | b | c | Eje Conjugado | Eje transverso | Distancia Focal | Coordenadas del vértice | Coordenadas del Foco    | L.L.R | e |
|----------------------------------------|-----|---|---|---|---------------|----------------|-----------------|-------------------------|-------------------------|-------|---|
| $\frac{y^2}{64} - \frac{x^2}{100} = 1$ |     |   |   |   |               |                |                 | A (     )<br>A' (     ) | F (     )<br>F' (     ) |       |   |

| a                                 | b                                 | c                                 | Eje Conjugado      | Eje transverso     | Distancia Focal    | L.L.R                                             | e                                    |
|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---------------------------------------------------|--------------------------------------|
| $a = \sqrt{\quad}$<br>$a = \quad$ | $b = \sqrt{\quad}$<br>$b = \quad$ | $c = \sqrt{\quad}$<br>$c = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $\frac{2(\quad)^2}{(\quad)}$<br>L. L. R = $\quad$ | $\frac{\quad}{\quad}$<br>$e = \quad$ |

| Ecuación                              | Eje | a | b | c | Eje Conjugado | Eje transverso | Distancia Focal | Coordenadas del vértice | Coordenadas del Foco    | L.L.R | e |
|---------------------------------------|-----|---|---|---|---------------|----------------|-----------------|-------------------------|-------------------------|-------|---|
| $\frac{x^2}{81} - \frac{y^2}{49} = 1$ |     |   |   |   |               |                |                 | A (     )<br>A' (     ) | F (     )<br>F' (     ) |       |   |

| a                                 | b                                 | c                                 | Eje Conjugado      | Eje transverso     | Distancia Focal    | L.L.R                                             | e                                    |
|-----------------------------------|-----------------------------------|-----------------------------------|--------------------|--------------------|--------------------|---------------------------------------------------|--------------------------------------|
| $a = \sqrt{\quad}$<br>$a = \quad$ | $b = \sqrt{\quad}$<br>$b = \quad$ | $c = \sqrt{\quad}$<br>$c = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $2(\quad) = \quad$ | $\frac{2(\quad)^2}{(\quad)}$<br>L. L. R = $\quad$ | $\frac{\quad}{\quad}$<br>$e = \quad$ |