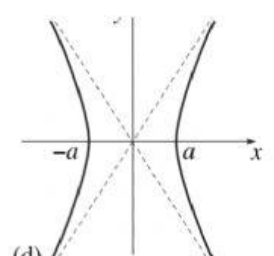
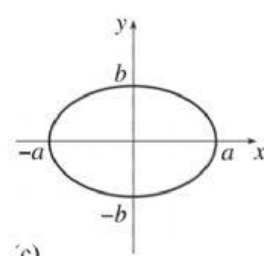
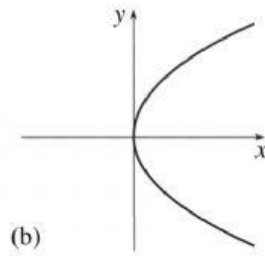
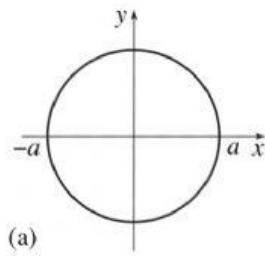


Part 3

What type of graph is that?

- Circle
- Hyperbolas
- Ellipses
- Parabolas



$(c, 0), (-c, 0)$

Vertical

$2a$

$(0, c), (0, -c)$

Horizontal

$2b$

Standard Form

$$\frac{x^2}{a^2} + \frac{y^2}{b^2} = 1$$

$$\frac{y^2}{a^2} + \frac{x^2}{b^2} = 1$$

Orientation

Foci

Length of Major Axis

$2a$

Length of Minor Axis

$2b$