

* Hyperbola:

$$y = \frac{a}{x-p} + q$$

→ y-intercept if $x=0$

→ x-intercept if $y=0$

→ Asymptotes:

$$y = q$$
$$x = p$$

→ Use table to find more coordinates to draw graph.

For all graphs !!

Domain → x-values

∴ $x \in \dots$

Range → y-values

∴ $y \in \dots$