## HYPERBOLA VISUAL SUMMARY

## GRAPHS MHPERBOLA

$$
\begin{aligned}
& y=\frac{2}{x}+{ }^{2} \\
& \text { ASYMPTOTE } \mathrm{X}=0 \text { AND } \mathrm{Y}=0
\end{aligned}
$$

$$
\begin{aligned}
& y=\frac{2}{x}+5(\text { SHITTS UP } 5 \text { UNTSS } \\
& \text { ASYMPTOTE } X=0 \text { AND } Y=5
\end{aligned}
$$

## GRAPHS HYPERBOLA

$$
\begin{aligned}
& y=\frac{2}{x} \\
& \text { ASYMPTOTE } x=0 \text { AND } \mathrm{y}=0
\end{aligned}
$$

## $y=2-5$ (SHIFTS DOWN 5 UNITS)

ASYMPTOTE $X=0$ AND $Y=-5$

$y=\frac{2}{x}$
ASYMPTOTE $X=0$ AND $Y=0$

GRAPHS HMPERBOLA
$y=\frac{2}{x+5}$ (SHITIS LEFT 5 UNITS)
ASYMPTOTE $X=5$ AND $Y=0$


## GRAPHS HYPERBOLA

$y=\frac{2}{x}$
ASYMPTOTE X $=0$ AND $Y=0$
$y=\frac{2}{x-5}$ (SHITS RIGHT 5 UNITS)
ASYMPTOTE $X=5$ AND $Y=0$



## GRAPHS - HYPERBOLA <br> $y-\frac{2}{x+5}+4$ (SHITS UP 4 UNITS AND SHITIS LEFT 5 UNITS) ASYMPTOTEX $=5$ AND $Y=4$

$y=\frac{2}{x}$
ASYMPTOTE $X=0$ AND $Y=0$


## GRAPHS M HYPERBOLA

$$
\begin{aligned}
& y=\frac{2}{x} \\
& \text { ASYMPTOTE } X=0 \text { AND. } Y=0 \\
& y=\frac{2}{x-5}+4 \text { (SHIIS UP } 4 \text { UNITS AND SHIITS RIGHT } 5 \text { UNITS) } \\
& \text { ASYMPTOTE } X=5 \text { AND } Y=4
\end{aligned}
$$




