

Name : \_\_\_\_\_

Score : \_\_\_\_\_

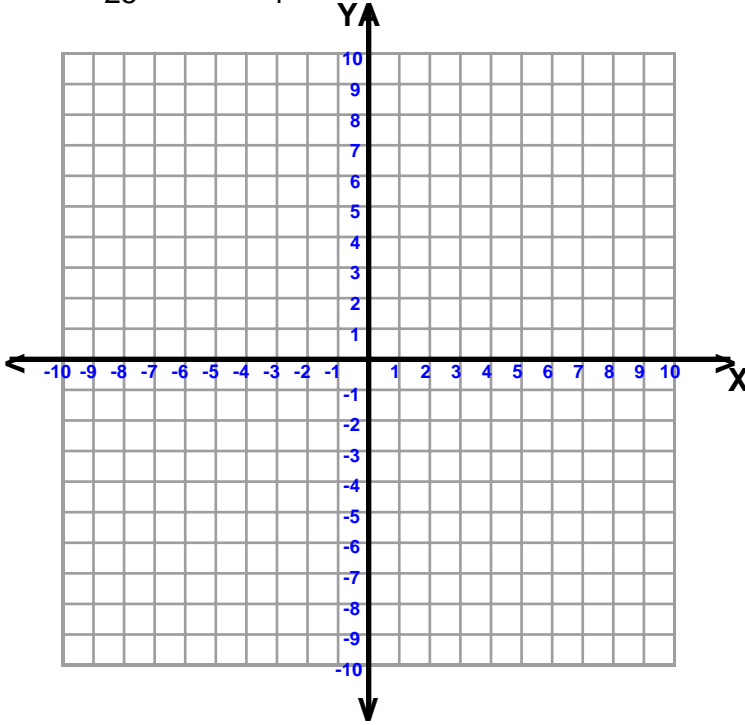
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

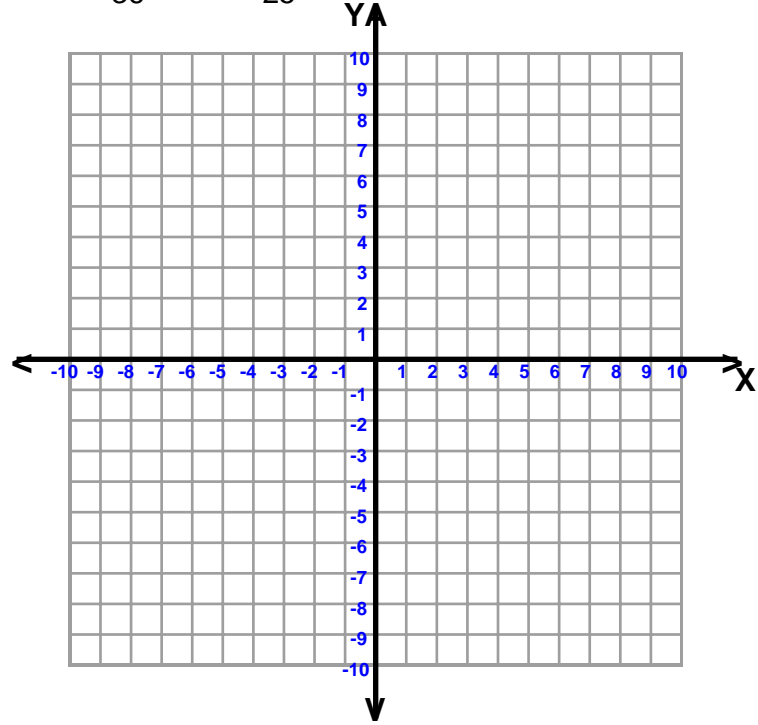
## Graphing Hyperbolic Equations

Graph the given equation.

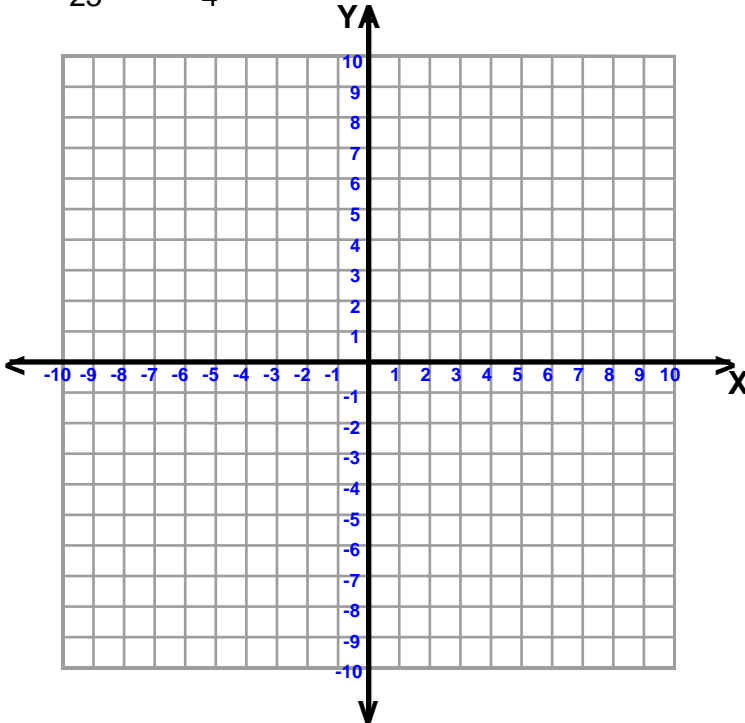
1)  $\frac{(x - 1)^2}{25} - \frac{(y + 1)^2}{4} = 1$



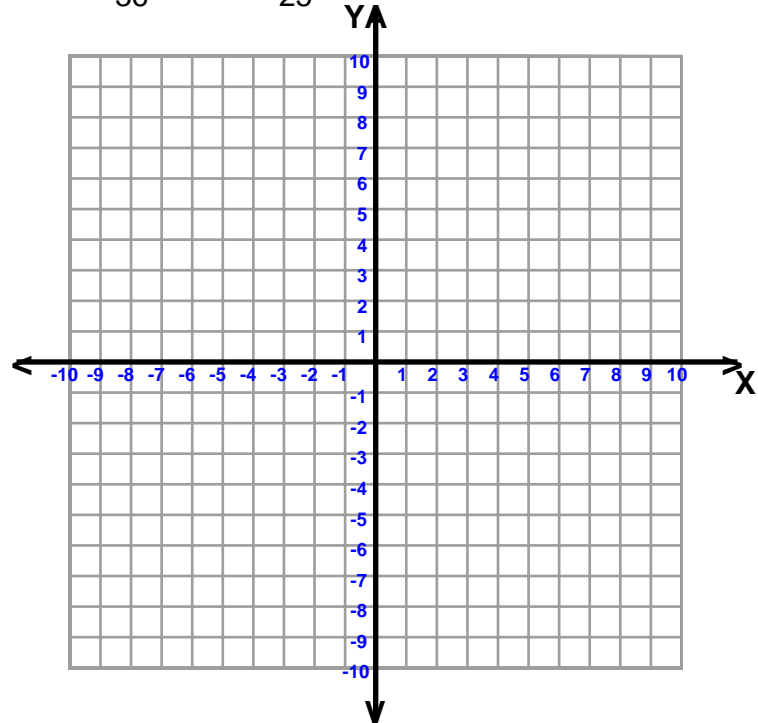
2)  $\frac{(x - 1)^2}{36} - \frac{(y - 2)^2}{25} = 1$



3)  $\frac{y^2}{25} - \frac{(x + 2)^2}{4} = 1$



4)  $\frac{(y + 2)^2}{36} - \frac{(x - 2)^2}{25} = 1$



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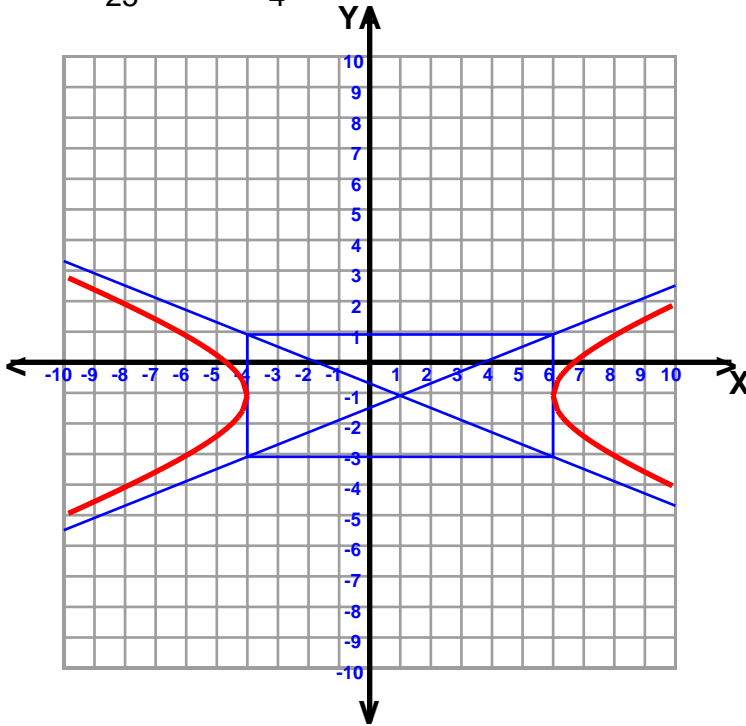
Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

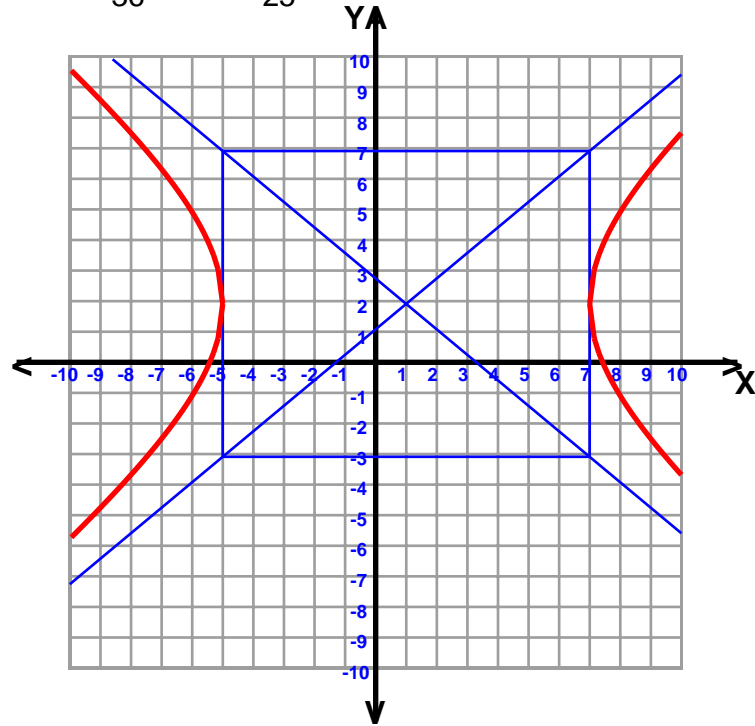
## Graphing Hyperbolic Equations

Graph the given equation.

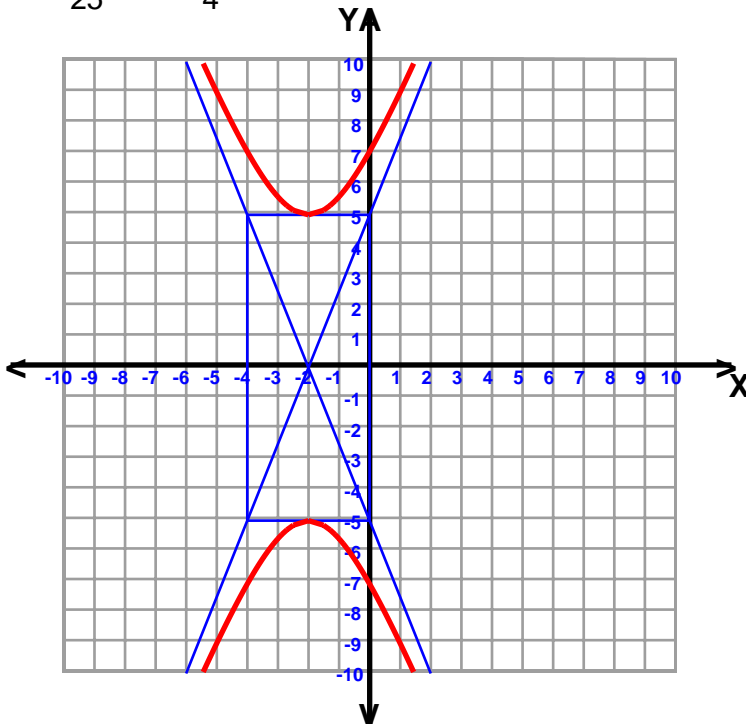
1)  $\frac{(x - 1)^2}{25} - \frac{(y + 1)^2}{4} = 1$



2)  $\frac{(x - 1)^2}{36} - \frac{(y - 2)^2}{25} = 1$



3)  $\frac{y^2}{25} - \frac{(x + 2)^2}{4} = 1$



4)  $\frac{(y + 2)^2}{36} - \frac{(x - 2)^2}{25} = 1$

