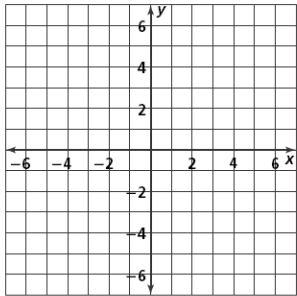


Algebra 2 9-2 Homework p. 488 (1-24)

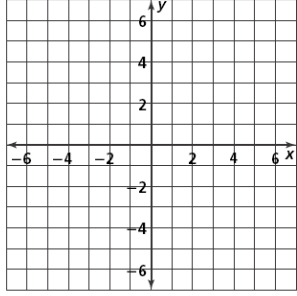
Name _____ Hour _____

Draw and Graph each inverse variation.

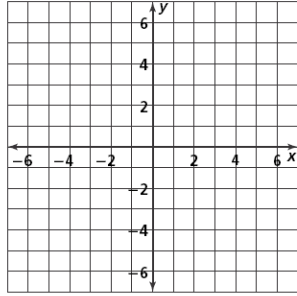
1.



2.



3.



Compare the graphs of the inverse variations. (State which graph is "closer" to x- and y- axis).

4.

5.

6.

7.

8.

9.

Use a graphing calculator to solve.

10.

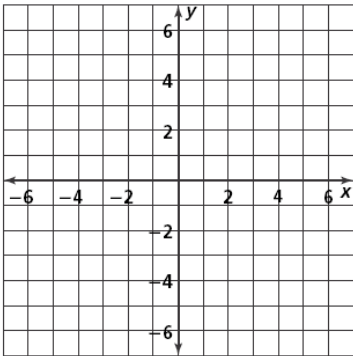
11.

12.

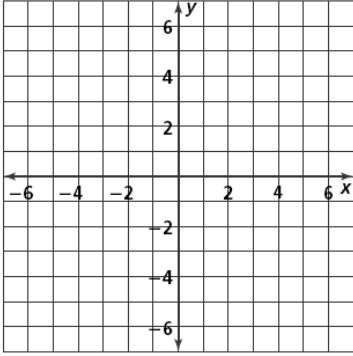
13.

Sketch the asymptotes and graph each equation.

14.

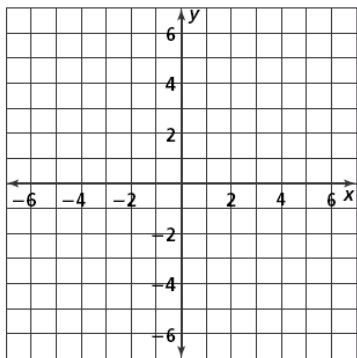


15.

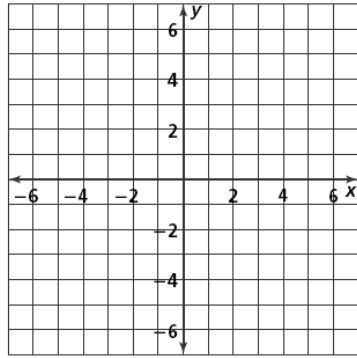


Sketch the asymptotes and graph each equation.

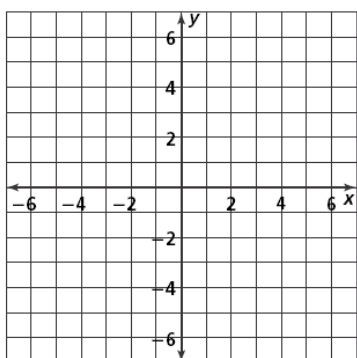
16.



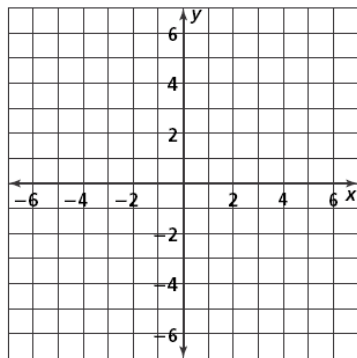
17.



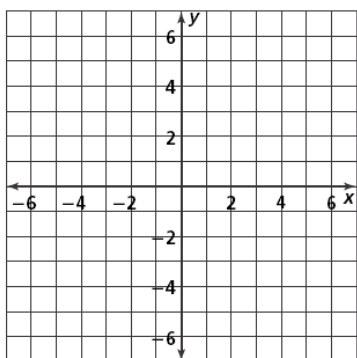
18.



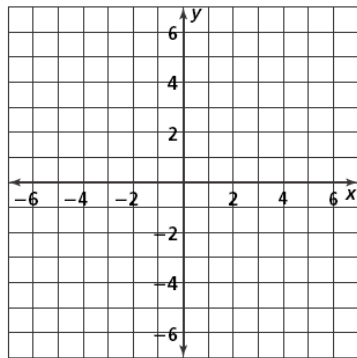
19.



20.



21.



Write an equation for the translation of $y = \frac{2}{x}$ that has the given asymptotes.

22.

23.

24.