

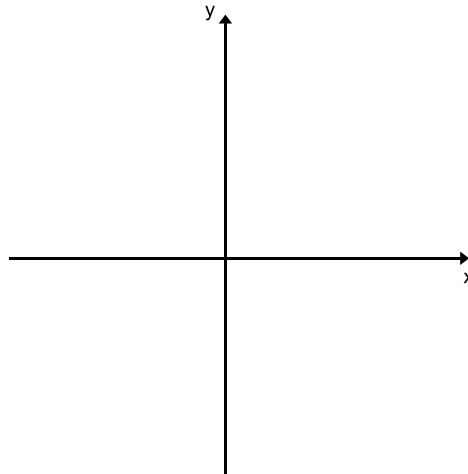
$$f(x) = \frac{1}{x + 5}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptote on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-6	-5	-1	0	1
f(x)					

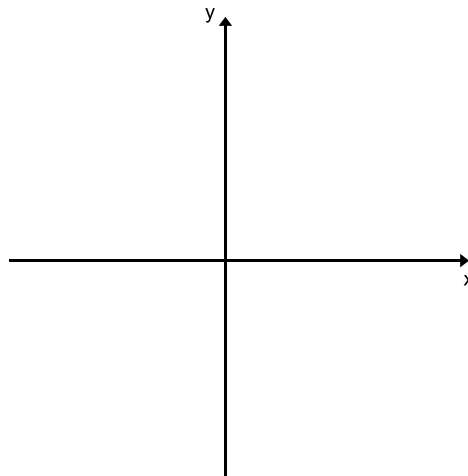
$$g(x) = \frac{1}{x - 4}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptote on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-1	0	1	4	5
g(x)					

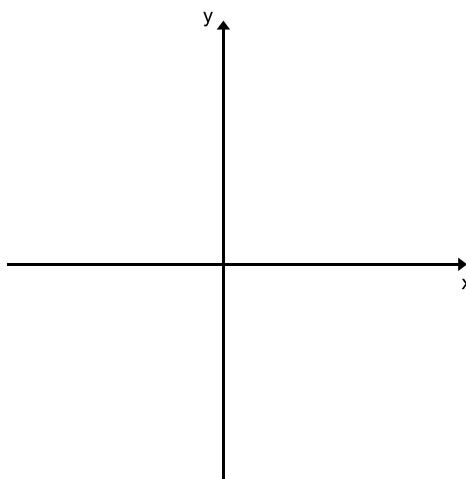
$$j(x) = \frac{1}{(x+1)(x-2)}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptotes on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-3	-2	-1	0	1	2	3
j(x)							

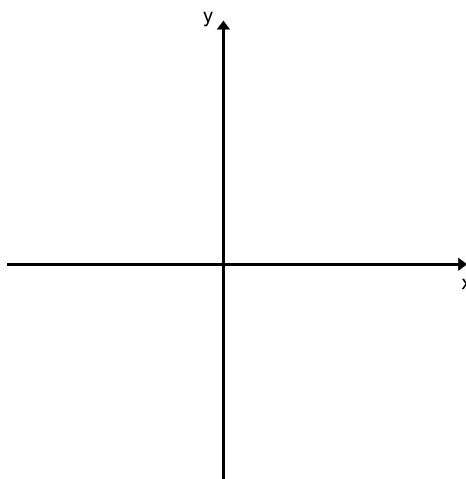
$$k(x) = \frac{1}{(x+2)(x-3)}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptotes on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-4	-3	-2	-1	0	1	2	3
k(x)								

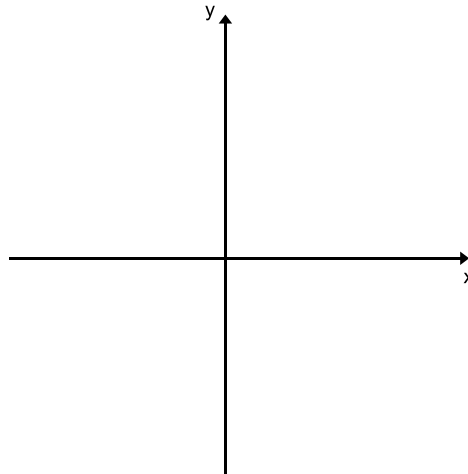
$$f(x) = \frac{1}{x - 4}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptote on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-4	-3	-2	-1	0	1	2	3	4	5
f(x)										

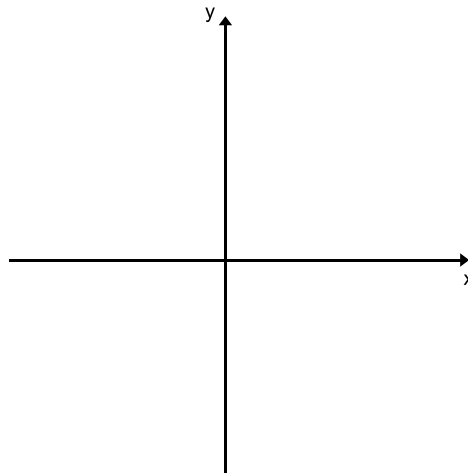
$$g(x) = \frac{1}{x + 3}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptote on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-4	-3	-2	-1	0	1	2	3
g(x)								

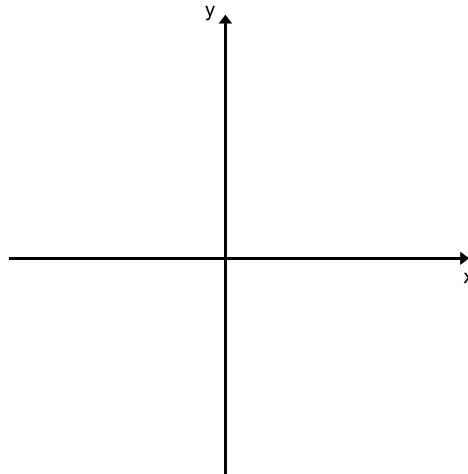
$$f(x) = \frac{1}{x^2 - 4}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptotes on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-4	-3	-2	-1	0	1	2	3	4	5
f(x)										

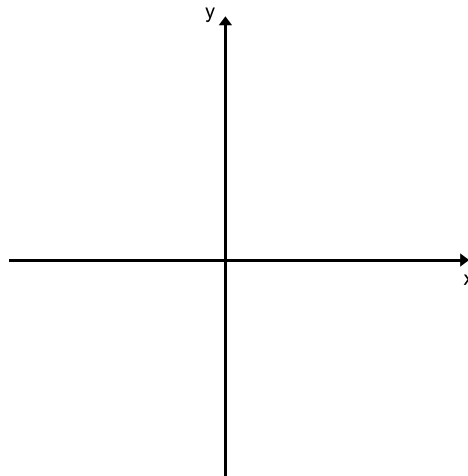
$$g(x) = \frac{1}{x^2 + 3x}$$

State the y intercept of the function

State the domain of the function

Draw the vertical asymptote on the graph
(this is where the denominator is 0)

Draw the horizontal asymptote



Complete the related table

x	-4	-3	-2	-1	0	1	2	3
g(x)								

