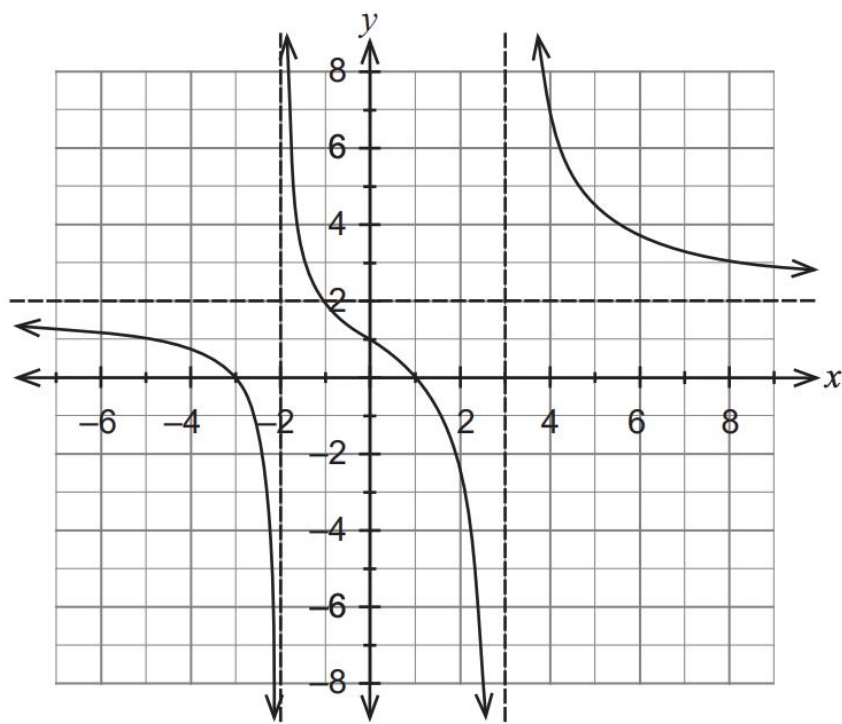


The graph of $f(x) = \frac{k(x-a)(x-b)}{(x-c)(x-d)}$ is shown below.



Determine the value of the constants a, b, c, d and k .

a	b	c	d	k

Explain your choice for the value of k .