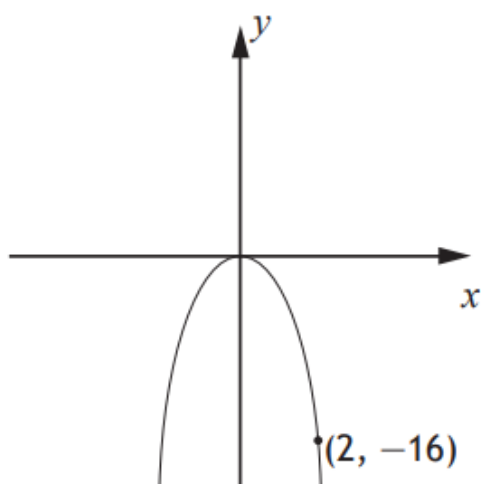


The graph with equation $y = kx^2$ is shown below.



The point $(2, -16)$ lies on the graph.

Determine the value of k .

2

Answer:

-4