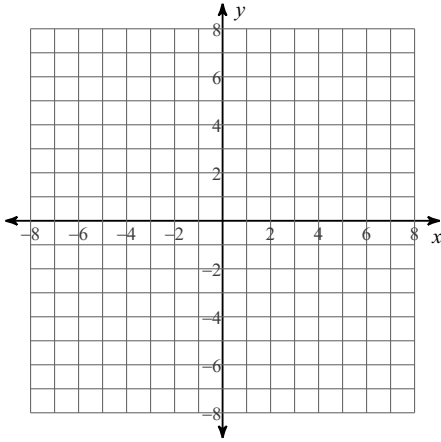


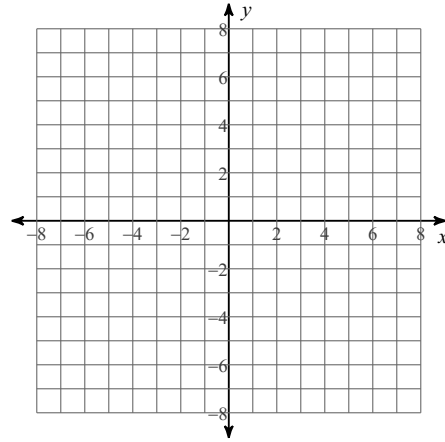
## Radical graphs, squares &amp; cubes

Sketch the graph of each function.

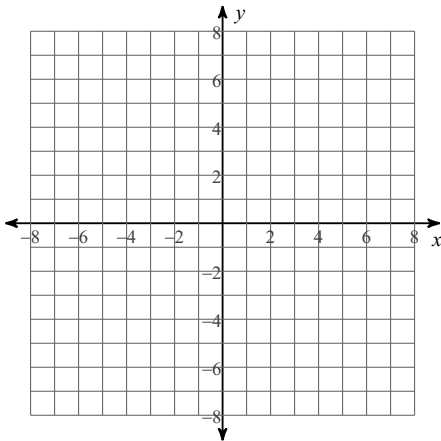
1)  $y = 2 + \sqrt{x}$



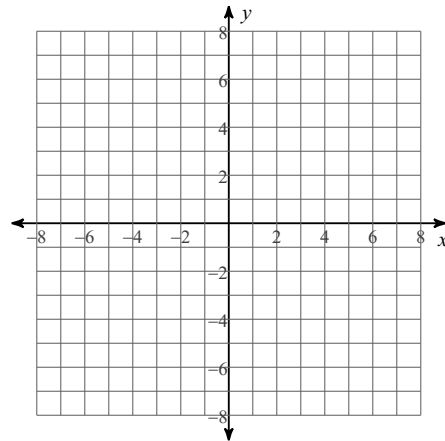
2)  $y = -4 + \sqrt{x}$



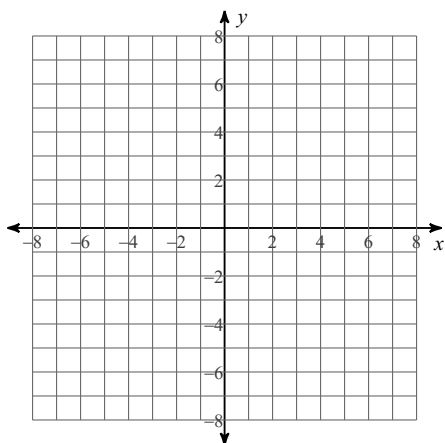
3)  $y = -\sqrt[3]{x}$



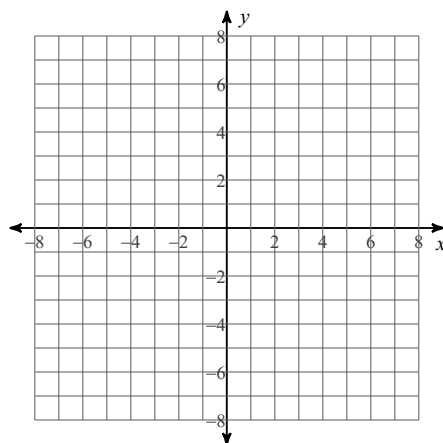
4)  $y = 3\sqrt[3]{x} + 1$



$$5) y = 3 - 2\sqrt{x+5}$$

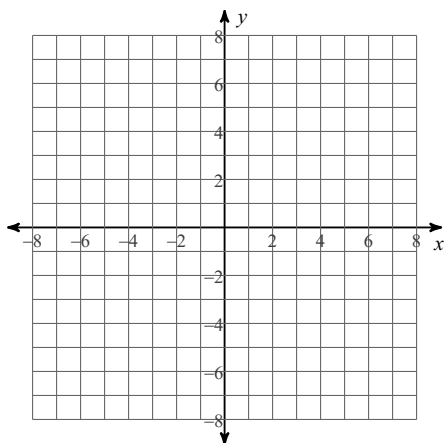


$$6) y = -3 + 3\sqrt{x+1}$$



**Sketch the graph of each function and identify one characteristics of the graph.**

$$7) y = \sqrt[3]{x-1}$$



$$8) y = -2\sqrt{x-3}$$

