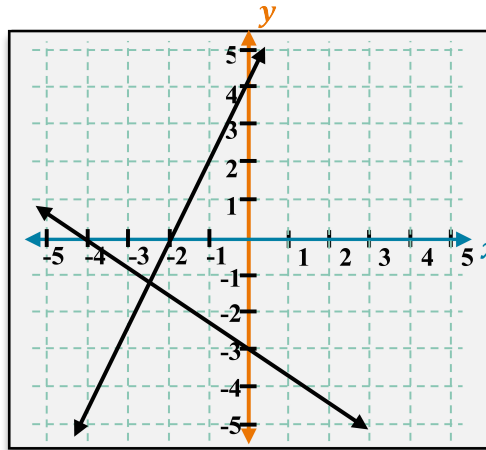


TOPIC: USING INTERCEPTS TO GRAPH LINES

Graphing Intercepts

INTERCEPTS: Ordered pairs/point(s) where graph crosses x or y axis

x – intercept



y – intercept

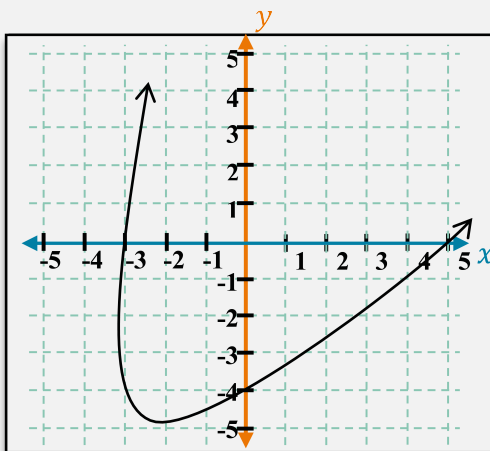
x –intercept

x –intercept: x value when graph crosses $[x | y]$ axis
[x | y] value is *ALWAYS* zero

y –intercept

y –intercept: y value when graph crosses $[x | y]$ axis
[x | y] value is *ALWAYS* zero

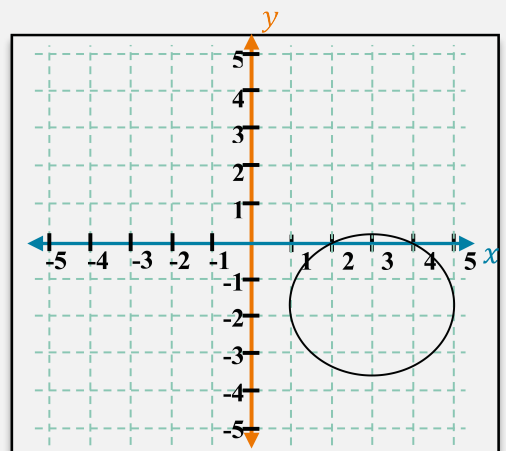
EXAMPLE: Write the x –intercepts & y –intercepts of the graph below.



x – intercept: _____

y – intercept: _____

EXAMPLE: Find the intercepts of the graph below.



Intercepts: _____

♦ if asked for " x - or y -intercept", simply write the x or y -value. If asked for just "intercepts", write the ordered pairs.