Using Graphs of Equations - Guided Lesson Explanation
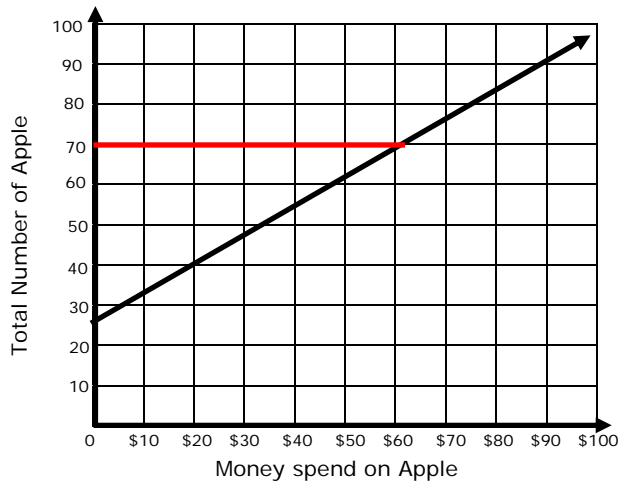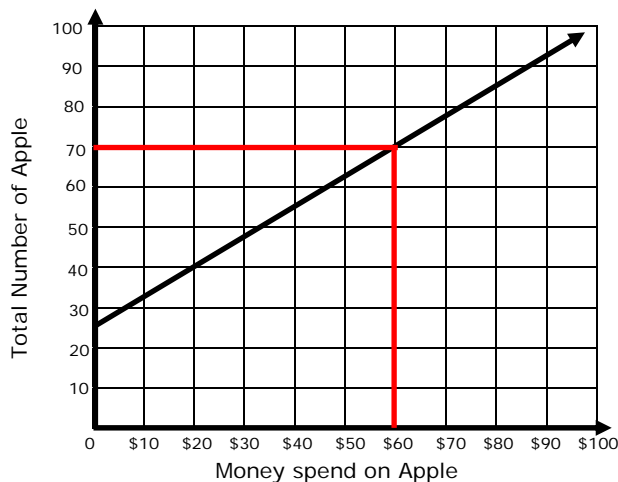
Explanation#1

Find 70 apples on the *y*-axis. Move right until you intersect the graph.

Now move down until you intersect the x-axis.

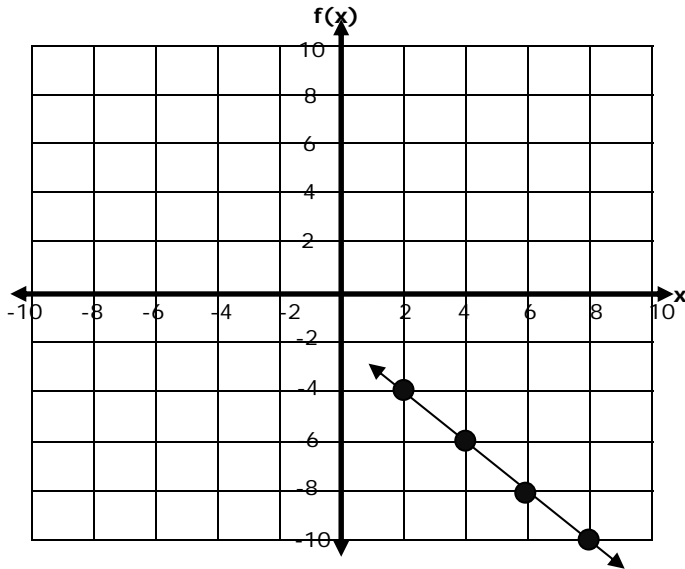You intersect the *x*-axis at $60. To have a total of 70 apples in her collection, Emma needs to spend $60 on apples.

Name _____   Date _____

Explanation#2

We can graph a function by plotting ordered pairs.

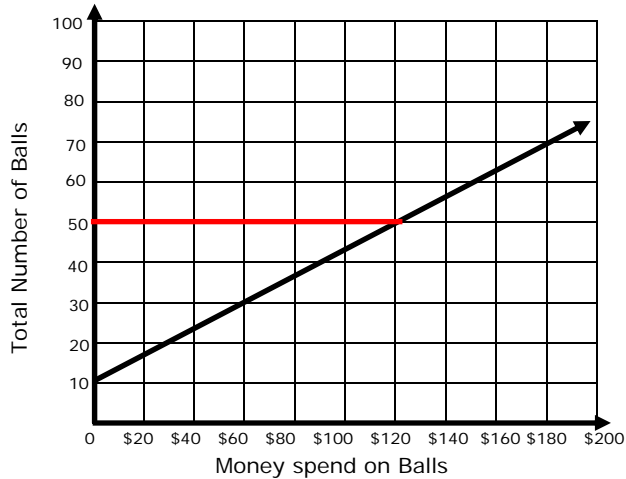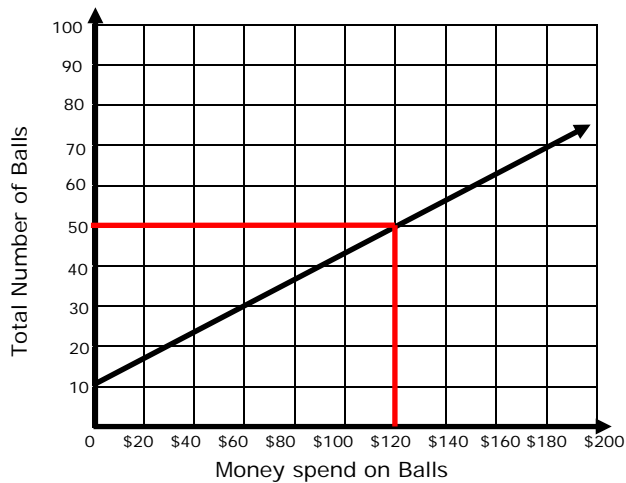The graph of the function is the straight line connecting the points.

Explanation#3

Find 50 balls on the *y*-axis. Move right until you intersect the graph

Now move down until you intersect the x-axis.

Now move down until you intersect the x-axis.

You intersect the *x*-axis at $120. To have a total of 50 balls in his collection, Scott needs to spend $120 on balls.