

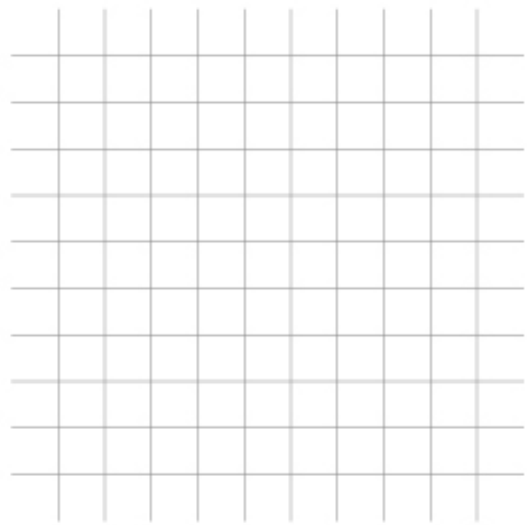
Equivalent Ratios and Graphs

1) Amelia collects 10 coins each month. Use equivalent ratios to graph the growth of her coin collection up to 10 months by completing the steps given below. Assume the x -coordinate to represent the number of months and the y -coordinate, the number of coins.

a) Make a table of equivalent ratios.

Number of months	Number of coins
1	10

c) Graph the growth of her coins up to 10 months.

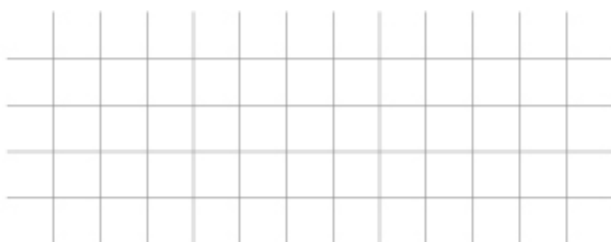


b) Write the ordered pairs (x, y) given in the ratio table.

2) a) Plot the given equivalent ratios.

Miles	3	6	9	12
Hours	10	20	30	40

b) Write the ordered pair.



c) What does the point $(6, 20)$ represent on the curve?

Equivalent Ratios and Graphs

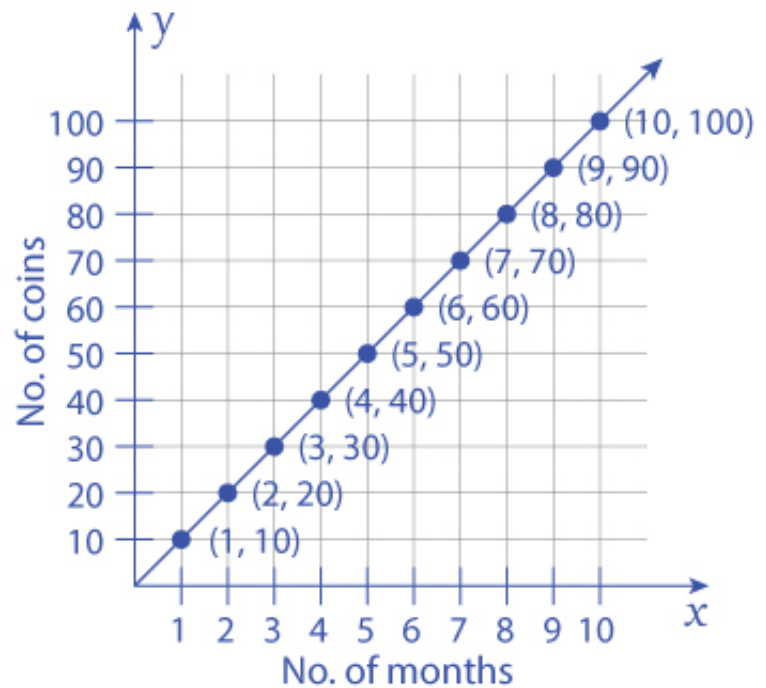
Answers

1) Amelia collects 10 coins each month. Use equivalent ratios to graph the growth of her coin collection up to 10 months by completing the steps given below. Assume the x -coordinate to represent the number of months and the y -coordinate, the number of coins.

a) Make a table of equivalent ratios.

Number of months	Number of coins
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100

c) Graph the growth of her coins up to 10 months.



b) Write the ordered pairs (x, y) given in the ratio table.

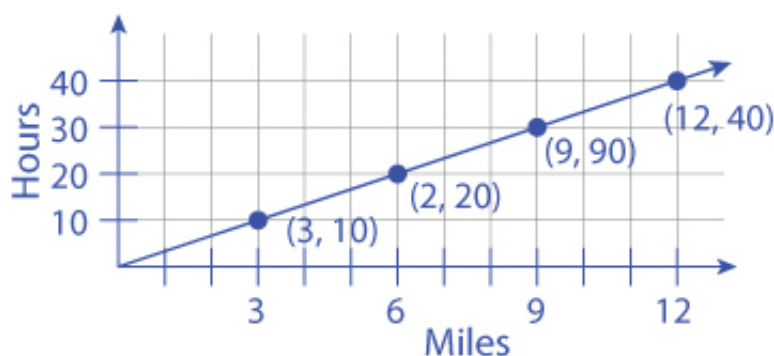
$(1, 10), (2, 20), (3, 30), (4, 40), (5, 50), (6, 60), (7, 70), (8, 80), (9, 90), (10, 100)$.

2) a) Plot the given equivalent ratios.

Miles	3	6	9	12
Hours	10	20	30	40

b) Write the ordered pair.

$(3, 10), (6, 20), (9, 30), (12, 40)$.



c) What does the point $(6, 20)$ represent on the curve?

6 miles is covered in 20 hours.