

Fill in the Missing Values in the Equivalent Ratios Table.

1.

	14
6	
8	28
	35
12	
	49

2.

24	10
36	
	20
	25
72	30
84	

3.

	30
24	
32	
40	75
48	
	105

Fill in the Ratio Table to answer the question.

4. To make 10 apple pies you need 4 pounds of apples. How many pounds of apples do you need to make 25 apple pies?

Number of Pies	10		25
Pound of Apples	4		

5. Four balls of wool will make 8 knitted caps. How many balls of wool will Malcolm need if he wants to make 6 caps?

Balls of Wool	4		
Number of Caps	8		6

6. 16 gallons of ice cream will serve 36 people. How many gallons of ice cream are needed to serve 99 people?

Gallons of Ice Cream	16		
People	36		99

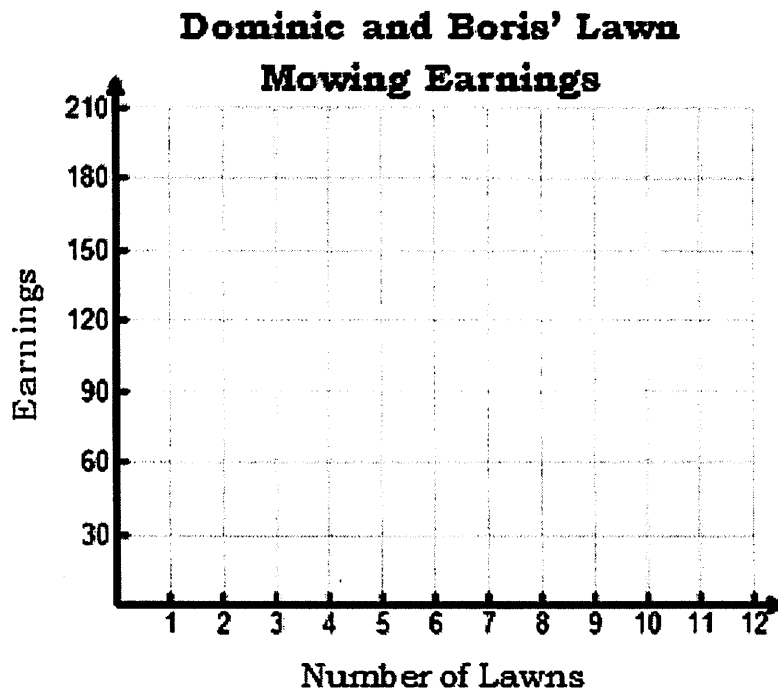
7. Dominic and Boris work on the weekends and on vacations from school mowing lawns in his neighborhood. For every lawn Dominic mows he earns \$12 and for every lawn Boris mows he earns \$15.

Complete each table.

Dominic's Earnings		
Lawns	Earnings	Ordered Pairs
2		
4		
6		
8		
10		

Boris' Earnings		
Lawns	Earnings	Ordered Pairs
2		
4		
6		
8		
10		

Plot Both Sets of Ordered Pair on the Graph and Connect the Points.



a. How many lawns will Dominic have to mow to earn \$156? _____

b. How much money will Boris have after mowing 20 lawns? _____

c. If Dominic and Boris both mow 12 lawns, how much more money will Boris have than Dominic?

Fill in the Missing Values in the Equivalent Ratios Table.

1.

2	7
4	14
6	21
8	28
10	35
12	42
14	49

2.

12	5
24	10
36	15
48	20
60	25
72	30
84	35

3.

8	15
16	30
24	45
32	60
40	75
48	90
56	105

Fill in the Ratio Table to answer the question.

4. To make 10 apple pies you need 4 pounds of apples. How many pounds of apples do you need to make 25 apple pies?

Number of Pies	10	5	25
Pound of Apples	4	2	10

$\div 2$ $\times 5$

$\div 2$ $\times 5$

10 pounds of apples

5. Four balls of wool will make 8 knitted caps. How many balls of wool will Malcolm need if he wants to make 6 caps?

Balls of Wool	4	1	3
Number of Caps	8	2	6

$\div 4$ $\times 3$

$\div 4$ $\times 3$

3 balls of wool

6. 16 gallons of ice cream will serve 36 people. How many gallons of ice cream are needed to serve 99 people?

Gallons of Ice Cream	16	4	44
People	36	9	99

$\div 4$ $\times 11$

$\div 4$ $\times 11$

44 gallons of ice cream

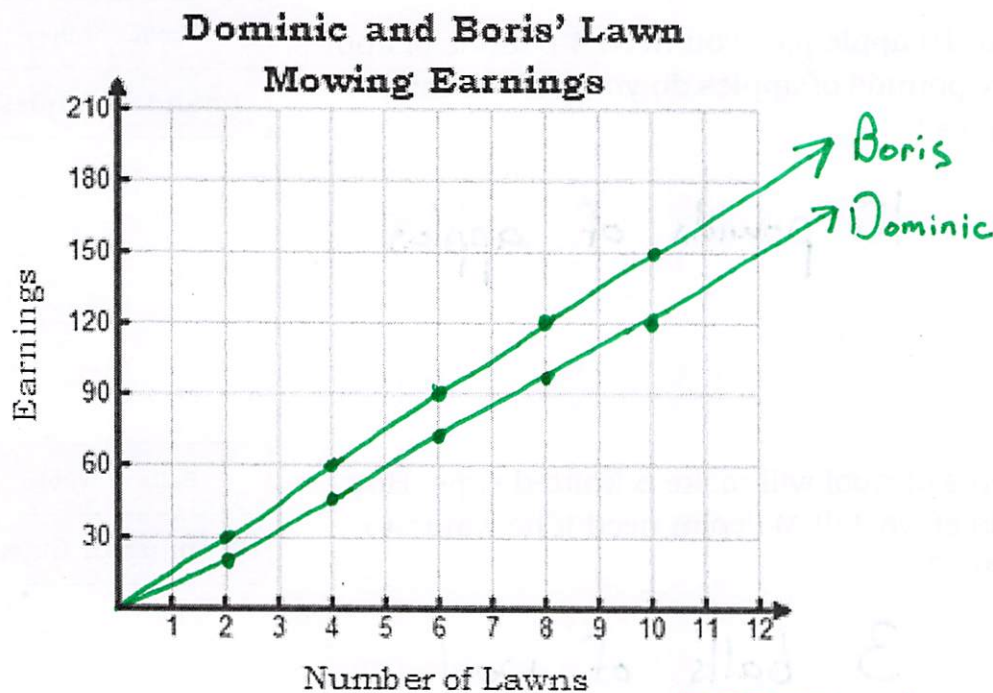
7. Dominic and Boris work on the weekends and on vacations from school mowing lawns in his neighborhood. For every lawn Dominic mows he earns \$12 and for every lawn Boris mows he earns \$15.

Complete each table.

Dominic's Earnings		
Lawns	Earnings	Ordered Pairs
2	24	(2, 24)
4	48	(4, 48)
6	72	(6, 72)
8	96	(8, 96)
10	120	(10, 120)

Boris' Earnings		
Lawns	Earnings	Ordered Pairs
2	30	(2, 30)
4	60	(4, 60)
6	90	(6, 90)
8	120	(8, 120)
10	150	(10, 150)

Plot Both Sets of Ordered Pair on the Graph and Connect the Points.



a. How many lawns will Dominic have to mow to earn \$156?

$$\frac{13 \text{ lawns} \cdot \$156}{1 \text{ lawn} \cdot \$12} \times 13$$

b. How much money will Boris have after mowing 20 lawns?

$$\frac{\$300}{10 \text{ lawns}} \times 20 = \$300$$

Double for 10 lawns

c. If Dominic and Boris both mow 12 lawns, how much more money will Boris have than Dominic?

$$\begin{aligned} \text{Dominic} &= \$144 \\ \text{Boris} &= \$180 \\ \hline &= \$36 \end{aligned}$$