

Ratio

Brett was making an individual bowl of pudding. The instructions called for 1 scoop of pudding mix to $\frac{1}{2}$ cup of milk. If Brett wants to make enough pudding for 3 people how much pudding and how much milk will he need?



We can make ratio tables by finding equivalent fractions. Look at the table below.

Think: $2 \times 1 = 2$ $2 \times 2 = 4$ $2 \times 3 = 6$ $2 \times 4 = 8$ $2 \times 5 = 10$ $2 \times 6 = 12$ $2 \times 7 = 14$

Scoops of Mix	2	4	6	8	10	12	14
Cups of Milk	1	2	3	4	5		

Think: $1 \times 1 = 1$ $1 \times 2 = 2$ $1 \times 3 = 3$ $1 \times 4 = 4$ $1 \times 5 = 5$ $1 \times 6 = ?$ $1 \times 7 = ?$

Can you complete the table? 12 scoops of mix would need 6 cups of milk. 14 scoops of mix would require 7 cups of milk.

The ratios in this table are called equal ratios. Look at the table below. How many eggs would be needed to make 32 pancakes?



Pancakes	8	16	24	32
Eggs	2	4		

6 eggs would be needed to make 24 pancakes and 8 eggs would be needed to make 32.

- 1 Complete the table.

How many books can be purchased with \$40.00?

Books	3	6	9	12
Dollars	10	20		

How many movie videos can be rented with \$20.00?

Movies	2	4	6	8	10
Dollars	4	8			

How many tickets can be purchased with \$5.00?

Tickets	3	6	9	12	15
Dollars	1				

- 2 Write a ratio and fraction for each.

The baker needs 5 bananas for every 2 loaves of bread.

_____ to _____ = _____

