

Fractions

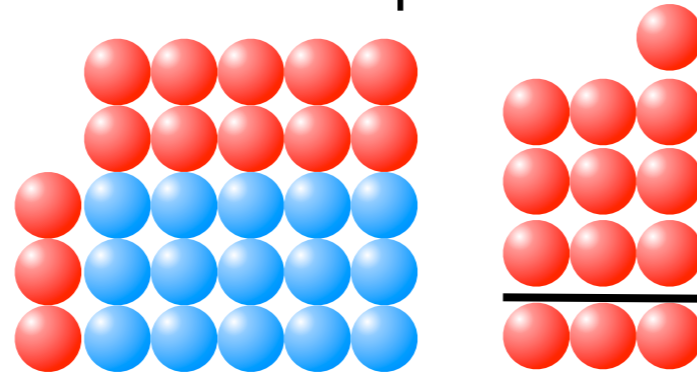
Additional Problems

Division

When you have finished working all of the problems, your teacher will show you the correct answers.

1.)	Sarah has two-thirds of a quart of soda. How many glass of soda can she pour if she wants to have one-sixth of a quart of soda in each glass?
2.)	Jack jogs at a rate of four-fifths of a mile per hour and Jim runs at a rate of one-half of a mile per hour. If Jack ran for one hour, how long does Jim have to run to go the same distance?
3.)	Cindy's mother needs three-fourths of a cup of milk to make one cake. How many cakes can Cindy's mother make with one-third of a cup of milk?
4.)	Carlos has four-fifths of a pounds of candy and wants to put it in bags with one-third of a pound of candy in each bag. How many bags of candy can he make?
5.)	Tang finished two-thirds of the math homework in one hour and Michelle finished one half of the math homework in one hour. How long does Michelle have to do homework to do the same amount as Tang finished?

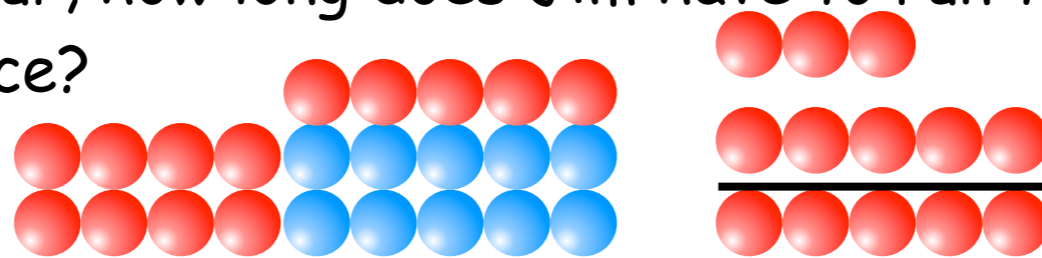
- 1.) Sarah has two-thirds of a quart of soda. How many glasses of soda can she pour with one-fifth of a quart of soda in each glass?



$$\frac{2}{3} \div \frac{1}{5} = \frac{2}{3} \times \frac{5}{1} = \frac{10}{3} = \frac{3}{3} + \frac{3}{3} + \frac{3}{3} + \frac{1}{3} = 3\frac{1}{3}$$

Sarah can pour three glasses that have one-fifth of a quart of soda in them..

- 2.) Jack jogs at a rate of four-fifths of a mile per hour and Jim runs at a rate of one-half of a mile per hour. If Jack ran for one hour, how long does Jim have to run to go the same distance?

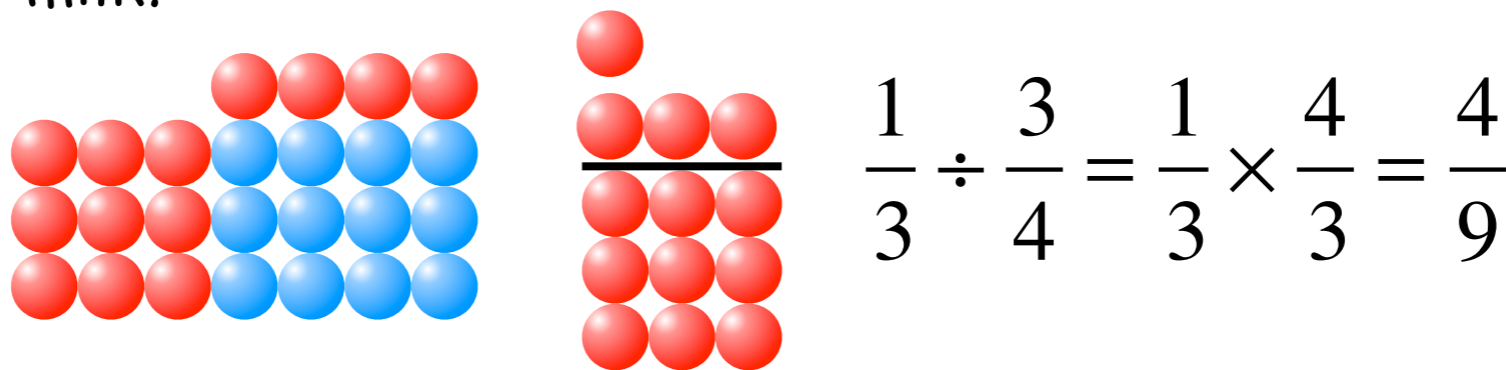


$$\frac{4}{5} \div \frac{1}{2} = \frac{4}{5} \times \frac{2}{1} = \frac{8}{5} = \frac{5}{5} + \frac{3}{5} = 1\frac{3}{5}$$

Jim would have to run for one and three-fifth hours.

3.)

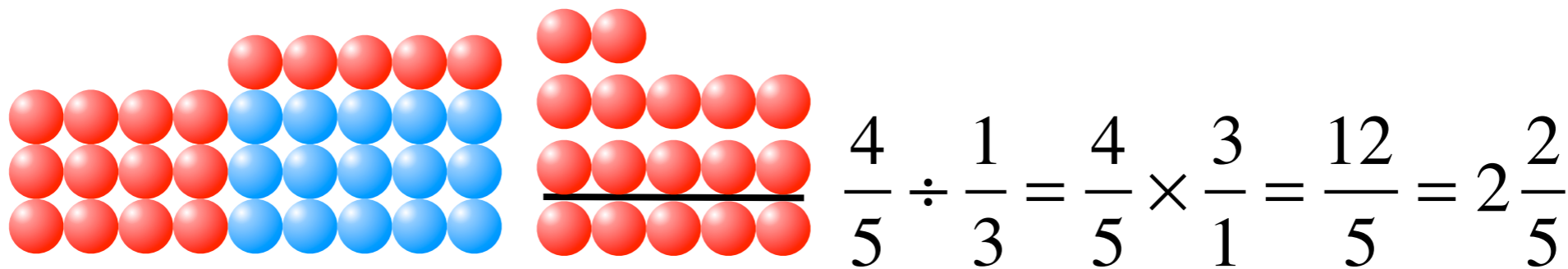
Cindy's mother needs three-fourths of a cup of milk to make one cake. How many cakes can Cindy's mother make with one-third of a cup of milk?



Maria got six-twelfths of the whole cake .

4.)

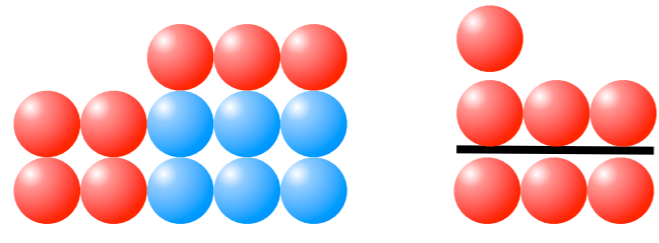
Carlos has four-fifths of a pounds of candy and wants to put it in bags with one-third of a pound of candy in each bag. How many bags of candy can he make?



Carlos can make two bags of candy and have some left over.

5.)

Tang finished two-thirds of the math homework in one hour and Michelle finished one half of the math homework in one hour. How long does Michelle have to do homework to do the same amount as Tang finished?


$$\frac{2}{3} \div \frac{1}{2} = \frac{2}{3} \times \frac{2}{1} = \frac{4}{3} = 1\frac{1}{3}$$

Michelle has to work one and one-third hour to do the same amount of homework as Tang finished.