The Puzzle:

The box below is a Magic Square. This means that the numbers add up to the same total in every direction.

31	73	7
13	37	61
67	1	43

111 - 38 = 73

111 - ___ = ___

1, 0

Jan. 10/17

13 + 37 = 50

Every row, column and diagonal adds up to 111. But there are some numbers missing! Fill in the missing numbers. They are all different.

Our Solution:

31	73	7
13	37	61
67	1	43

1) Evaluate: n = 2.2, 3n 6.6

2) Where does the decimal go in the answer for the following:

1.2 x 0.1 = 0.12 (1.20, 12.0)

3) Where will the decimal be placed in the answer for :

1.4 ÷ 0.2 = 7.0

4) 2 + 1.2 X 2 2 + 2.4 = 4.4

5) Algebriac Expression for: double a number, then add 9

2n+9

6) Find the mean for : 2,3,5,5,6, 5.5

7) (-4) + (11) = -3

8) What number is divisible by 5? a) 125 ✓ b) 250 ✓ c) 520 ✓

9) Put a digit at the end of this number to make it divisible by 3

126 123 120 129

10) 1/6 of 60 10

Example of:

numerator $\frac{4}{7}$

denominator $\frac{5}{6}$

mixed number

$2\frac{4}{5}$

improper fraction

$\frac{7}{4}$

5.1 Using Models to Add Fractions

Focus Use Pattern Blocks and fraction circles to add fractions.

Let the yellow hexagon represent 1:

Then the red trapezoid represents $\frac{1}{2}$:

the blue rhombus represents $\frac{1}{3}$:

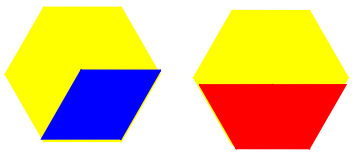
and the green triangle represents $\frac{1}{6}$:

Use Pattern Blocks.

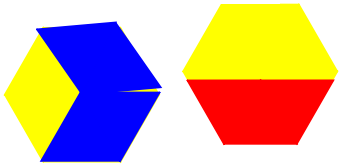
Bakana trains for cross-country one hour a day. Here is her schedule:
Run for $\frac{1}{3}$ of the time, walk for $\frac{1}{6}$ of the time,
then run for the rest of the time.
How long does Bakana run altogether?
What fraction of the hour is this?

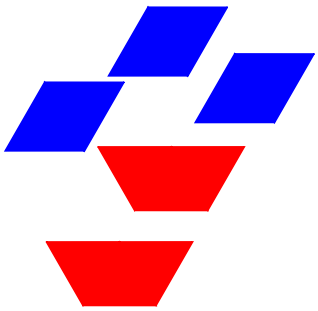
- Use fractions to write an addition equation to show how Bakana spent her hour.
- Bakana never runs for the whole hour.
  Write another possible schedule for Bakana.
  Write an addition equation for the schedule.
- Trade schedules with another pair of classmates.
  Write an addition equation for your classmates' schedule.

$\frac{1}{3} + \frac{1}{2}$



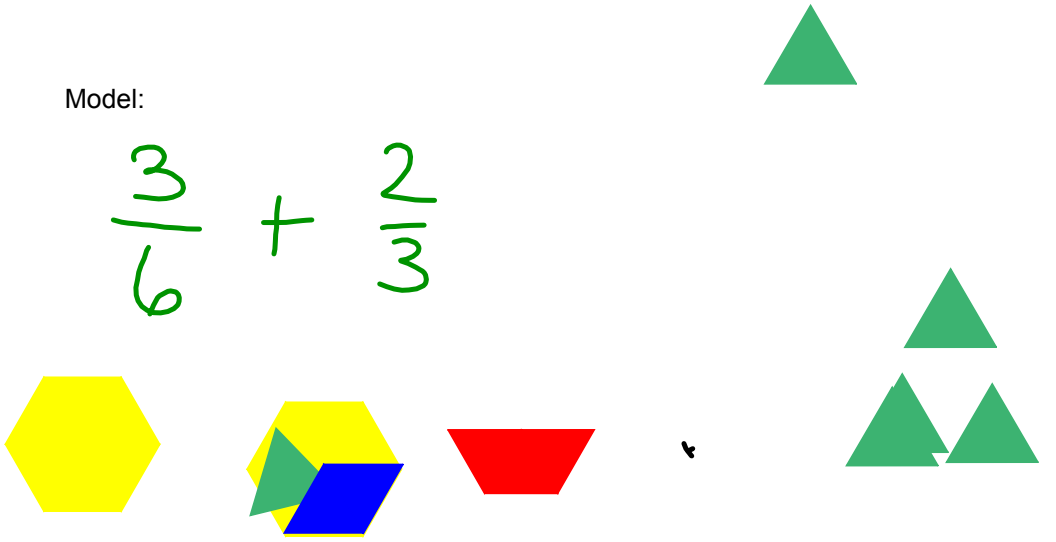
$\frac{2}{3} + \frac{1}{2}$





Model:

$\frac{3}{6} + \frac{2}{3}$



Example

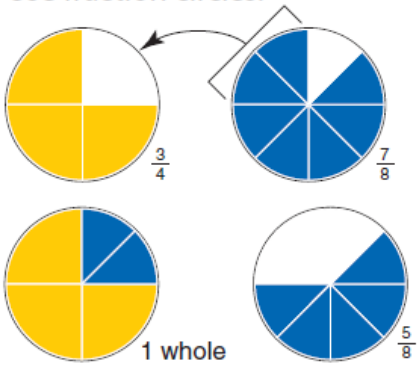
Zack and Ronny each bought a small pizza.
Zack ate $\frac{3}{4}$ of his pizza and Ronny ate $\frac{7}{8}$ of his.
How much pizza did Zack and Ronny eat together?

$\frac{1}{2} + \frac{1}{3} = \frac{5}{6}$

A Solution

Add: $\frac{3}{4} + \frac{7}{8}$

Use fraction circles.



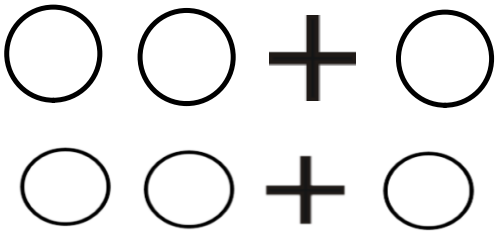
Use eighths to fill the circle for $\frac{3}{4}$.
Two-eighths fill the circle.

1 whole and 5 eighths equals $1\frac{5}{8}$.
So, $\frac{3}{4} + \frac{7}{8} = 1\frac{5}{8}$

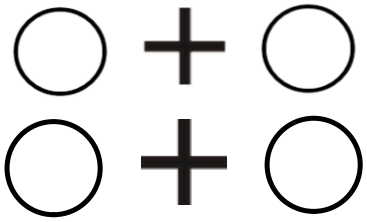
Together, Zack and Ronny ate $1\frac{5}{8}$ pizzas.

Model

$\frac{4}{3} + \frac{1}{3}$



$\frac{1}{2} + \frac{3}{4}$



Is the sum greater than 1 or less than 1?
How can you tell?

$\frac{7}{10} + \frac{4}{10} = \frac{11}{10}$ Improper frac.

$\frac{6}{4} =$

$\frac{5}{5} = 1$

Worksheets ....I will pass out