*Due Monday 2/3/2020

Name _____

# 4th Grade Homework- Week 22

Monday

12.1, 12.2

Use the fraction strips below to add the fractions.

| 1/12 | 1/12 | 1/12 | 1/12 |
|---|---|---|---|

+

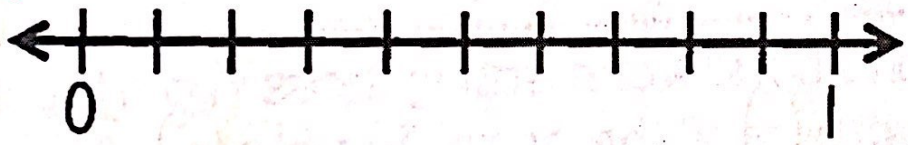
| 1/12 | 1/12 | 1/12 | 1/12 | 1/12 |
|---|---|---|---|---|

+ =

Use the number line to solve the equation.

draw on it!

$\frac{3}{10} + \frac{5}{10} =$



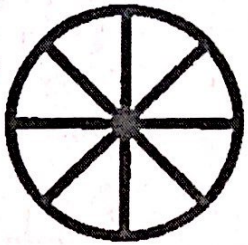

$\frac{5}{10} + \frac{2}{10} =$

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

$\frac{4}{7} + \frac{1}{7} =$

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

Select the addition expressions that correctly decompose the whole.



- ☐ $\frac{1}{8} + \frac{1}{8} + \frac{3}{8} + \frac{3}{8}$
- ☐ $\frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$
- ☐ $\frac{4}{8} + \frac{3}{8} + \frac{1}{8}$
- ☐ $\frac{4}{4} + \frac{4}{4}$
- ☐ $\frac{2}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8} + \frac{1}{8}$
- ☐ $\frac{2}{2} + \frac{2}{2} + \frac{2}{2} + \frac{2}{2}$

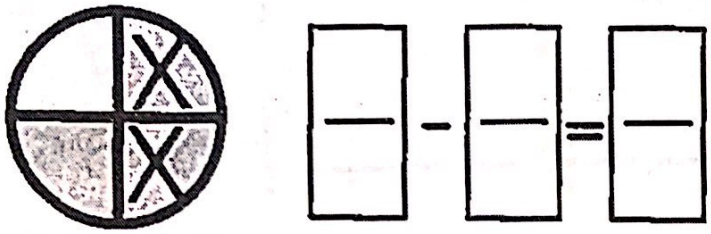
Write an equation for the fraction model below.

4NF3

12.3, 12.4

# Tuesday

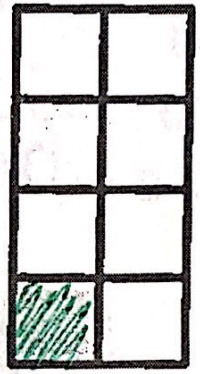
What subtraction sentence can be written using the fraction model below?



Mom bought a pizza for dinner. The models below show how much pizza there was before and after the family ate. How much pizza was eaten for dinner? Write an equation to solve.

Before Dinner

After Dinner



April had a bag of jelly beans. $\frac{1}{5}$ of the bag was yellow. $\frac{2}{5}$ of the bag was red. What fraction of the bag was not yellow or red?

Nan's recipe needs $\frac{3}{12}$ of a cup of butter and $\frac{11}{12}$ of a cup of milk. How much more milk does the recipe need than butter?

$\frac{5}{10} - \frac{2}{10} =$

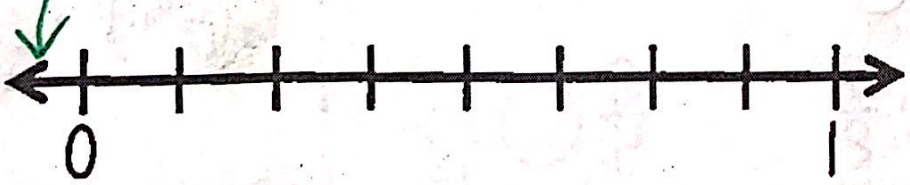
$\frac{4}{7} - \frac{1}{7} =$

$\frac{6}{9} - \frac{5}{9} =$

Use the number line to solve the equation.

$\frac{7}{8} - \frac{4}{8} =$

draw on it.




Ana ran $\frac{9}{10}$ of a mile on Saturday. She ran $\frac{7}{10}$ of a mile on Sunday. How much farther did she run on Saturday than Sunday? Draw a number line to solve the problem.

4NF3

Name _____ 4th Grade Homework Week 22

Wednesday

Complete the chart by placing an X in the correct column.

| | $> \frac{1}{2}$ | $< \frac{1}{2}$ |
|---|---|---|
| $\frac{7}{8}$ | | |
| $\frac{1}{9}$ | | |
| $\frac{4}{11}$ | | |
| $\frac{2}{10}$ | | |
| $\frac{5}{7}$ | | |

What common denominator would you use to find equivalent fractions to compare $\frac{4}{8}$, $\frac{3}{4}$, and $\frac{1}{2}$?

_____

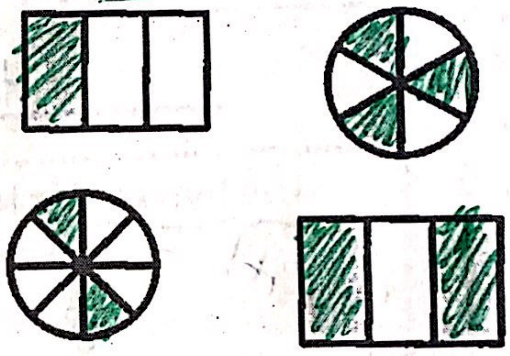
Circle the fraction that is the least.

$\frac{5}{10}$ $\frac{7}{9}$ $\frac{3}{8}$ $\frac{1}{3}$

Circle the fraction that is the greatest.

$\frac{1}{4}$ $\frac{2}{5}$ $\frac{7}{10}$ $\frac{1}{2}$

Which fractions are less than $\frac{1}{2}$?



Will, Jen, and Brad were eating slices from the same pizza. Will ate $\frac{1}{3}$ of the pizza. Jen ate $\frac{3}{12}$ of the pizza. Brad ate $\frac{1}{6}$ of the pizza.

Who ate the most? _____

Who ate the least? _____

Write an inequality comparing the three amounts.

_____

Thursday

Makayla and Brandy were running in a 5K. It took Makayla $\frac{3}{5}$ of an hour to cross the finish line. It took Brandy $\frac{7}{10}$ of an hour to cross the finish line. Who took less time to cross the finish line?

_____

Order the fractions from least to greatest.

$\frac{3}{4}$ $\frac{5}{8}$ $\frac{2}{6}$ _____

Order the fractions from greatest to least.

$\frac{4}{5}$ $\frac{1}{2}$ $\frac{7}{10}$ _____

$\frac{1}{5} = \frac{2}{\square}$

$\frac{4}{\square} = \frac{2}{4}$

$\frac{2}{3} = \frac{\square}{12}$

$\frac{10}{14} \div \frac{\square}{\square} = \frac{5}{7}$

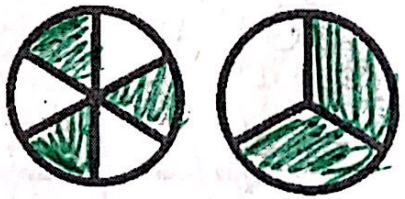
Which of these fractions is closest to 0 on a number line?

$\frac{2}{10}$ $\frac{3}{4}$ $\frac{2}{3}$ $\frac{3}{3}$

Circle the fractions that would make the inequality true.

$\frac{3}{4} > \frac{\square}{\square}$ $\frac{1}{3}$ $\frac{7}{8}$ $\frac{3}{9}$ $\frac{2}{4}$

Compare the fraction models below. Write an inequality to represent the models.



_____

$\frac{1}{2} \times \frac{\square}{\square} = \frac{5}{10}$

Compare the fractions using <, >, or =.

$\frac{5}{6} \bigcirc \frac{1}{3}$ $\frac{2}{4} \bigcirc \frac{2}{8}$ $\frac{3}{4} \bigcirc \frac{11}{12}$