Name_____ 4th Grade Homework (Due 3/2/20) Week 26

*Please attach any scratch paper you use so I can see how you solve!

Write the equations that correctly represent the model.

(four circle models)

+

Addition Equation
_____

×
Multiplication Equation
_____

Fill in the missing numbers.

$8 \times \frac{5}{10} = \Box$

$12 \times \Box = \frac{24}{3}$

$\Box \times \frac{2}{9} = \frac{36}{9}$

$5 \times \Box = \frac{10}{5}$

Amanda had a cold. She used $\frac{2}{3}$ box of tissues each day for ⑤ days. How many boxes of tissues did Amanda use in all?

_____

*Write an equation and solve!

Select the fractions that are multiples of $\frac{1}{2}$

$\frac{3}{2}$ $\frac{2}{6}$ $\frac{5}{2}$

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

(Fact families)
Write the related facts for 6, 4, and 24.

_____ _____

_____ _____

Circle the expressions that will result in a product that is a whole number.

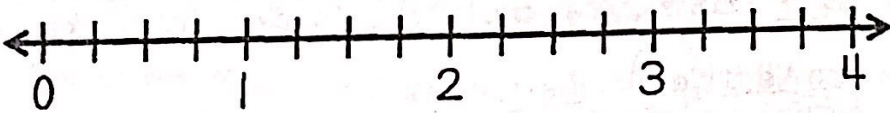$15 \times \frac{1}{2}$ $8 \times \frac{4}{5}$

$6 \times \frac{7}{8}$ $4 \times \frac{3}{6}$

$9 \times \frac{3}{4}$ $18 \times \frac{1}{3}$

Use the number line to model $5 \times \frac{3}{4} = \_\_\_$.

(number line from 0 to 4)

$$492,456$$
$$-\ \Box$$
$$361,502$$

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*Write an equation and solve!
Ferdinand swam $\frac{1}{4}$ of an hour each day on Monday and Tuesday. On Wednesday, Thursday and Friday, he swam $\frac{2}{4}$ of a hour each day. How many total hours did Ferdinand swim?

_____

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*Use math notebook, page 26!
When this number is divided by ⑧, the quotient is ㉒㉙ with a remainder of ④. What is the number?

_____

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*Write an equation and solve!
Mike talked on the phone with his friend for $\frac{2}{8}$ hours. If he calls ④ more friends and talks the same amount of time to each friend, how many hours will he spend talking on the phone?

_____

On Tuesday, Becka checked out a new book from the library. She read $\frac{1}{7}$ of her book that day. She read three times as much on Wednesday. How much more does Becka need to read to finish her book?

*Write an equation and solve!

Select the addition ★show your work! expressions that correctly decompose the fraction.

□ $\frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} + \frac{1}{6} =$

□ $\frac{4}{6} + \frac{1}{6} =$

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

□ $\frac{1}{6} + \frac{2}{6} + \frac{1}{6} + \frac{1}{6} =$

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

Howard stacked ②of the ⑮ chairs in the classroom. What fraction of the chairs __is left__ to stack?

_____

★write an equation and solve!

Jaycee washed all but (not) $\frac{1}{3}$ of her towels. What fraction of her towels __did she wash?__

_____

★Write an equation and solve!
Find the __difference__.

$563{,}289 - 67{,}308 = $ _____

......

Find the __sum__.

$189{,}448 + 360{,}367 = $ _____

Write the equation as a comparison statement. (sentence) $6 \times 7 = 42$

_____
_____

Use <, >, or = to compare the amounts. ★show your work!

$3\frac{3}{10} + 4\frac{1}{10}$ ◯ $5\frac{8}{10} + 2\frac{6}{10}$

$\frac{8}{10} + 2\frac{9}{10}$ ◯ $1\frac{7}{10} + 1\frac{6}{10}$

$7\frac{4}{7} - 4\frac{6}{7}$ ◯ $6\frac{2}{7} - 3\frac{5}{7}$

Parker and his __three friends__ ordered a pizza for lunch. __Each__ person ate an __equal amount of__ slices. If the pizza was cut into ⑧ slices, how many slices did each person eat?

★write an equation and solve!

_____

This question has 4 parts, A-D.

Alexis wanted to bring cupcakes to her friend's sleepover. She bought a tray of ⑮cupcakes. __Alexis__ and her friends __Darla__, __Pauline__, __Cheree__, and __Nell__ all ate some of the cupcakes.

☐ __Alexis__ ate $\frac{1}{15}$ of the cupcakes.
☐ __Darla__ ate three times as many as __Alexis__.
☐ __Pauline__ and __Nell__ at the __same__ amount of cupcakes. Together they ate $\frac{6}{15}$ of the cupcakes.
☐ __Cheree__ ate twice as many cupcakes as Alexis.

__Part A__ – What fraction of the cupcakes did __Darla__ eat?

__Part B__ – What fraction of the cupcakes did __Pauline__ eat?

__Part C__ – What fraction of the cupcakes did __Cheree__ eat?

__Part D__ – How many cupcakes were eaten at the sleepover?

Which of the following does __not__ equal $\frac{11}{12}$?

□ $\frac{8}{12} + \frac{3}{12}$ □ $\frac{4}{12} + \frac{5}{12}$

□ $\frac{5}{12} + \frac{6}{12}$ □ $\frac{10}{12} + \frac{1}{12}$

Write each number in __standard form__.
(math notebook, page 2)

nine hundred eighteen thousand, four hundred thirty-one

_____

sixty-two thousand, three hundred seven

_____