

Name _____

* Due Monday 1/27/20

4th Grade Homework - Week 21

Spiral Review

4,509 - = 1,397

9,448 + = 10,683

- 5,589 = 6,761

+ 2,799 = 10,000

Mrs. Preston gives her class clues about a 5-digit mystery number.

- The 7 is in a place that is 100 times greater than the place of the 5.
- The 1 is in a place that is 10 times less than the place of the 7.
- The 6 is in a place that is 10 times less than the place of the 5.
- The 4 is in a place that is 100 times greater than the 1.

What is Mrs. Preston's 5-digit mystery number?

Keshawn is 35 years old
 Timothy is 7 years younger than Keshawn.
 Esmerelda is 8 years older than Timothy. Micah is 9 years younger than Esmerelda. How many years old is Micah?

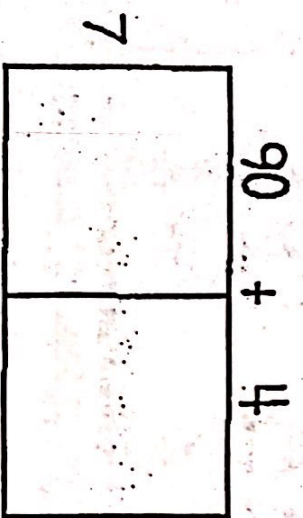
Use your notebook (Unit 1) How many times

greater is the value of the 5 in 45,000 than the value of the 5 in 4,500?

Write to explain.

Use the area model to multiply.

7 x 94 = _____



Select the expressions with a product of 2,400.

- 300 x 8
- 800 x 3
- 6 x 40
- 2 x 120
- 1,200 x 2

56 ÷ 8 =

6 x 7 =

18 - 5 =

48 ÷ 6 =

12 + 7 =

17 - 8 =

Tuesday

Use your notebook!

Tuesday

Select the fractions equivalent to $\frac{1}{4}$.

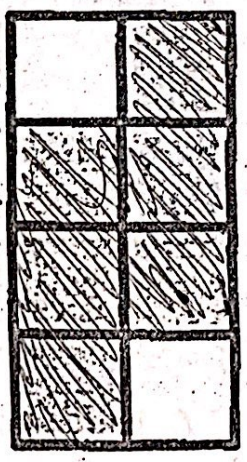
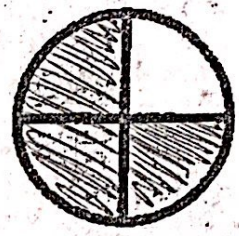
- $\frac{1}{3}$ $\frac{1}{6}$
- $\frac{3}{4}$ $\frac{2}{8}$
- $\frac{3}{12}$ $\frac{8}{16}$

This question has two parts, A-B.

Part A - Dallas bought a pack of t-shirts. Six of the shirts were white, and four of the shirts were black. What fraction of the shirts were not white?

Part B - Write an equivalent fraction for the fraction of shirts that were not white.

The models below represent equivalent fractions.



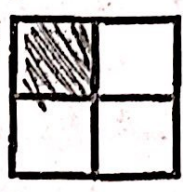
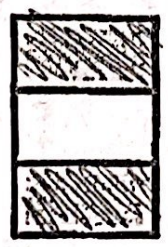
Circle the fractions below that are equivalent to the models.

- $\frac{1}{4}$ $\frac{3}{4}$ $\frac{2}{8}$ $\frac{6}{8}$ $\frac{3}{12}$ $\frac{9}{12}$

What fraction with 9 in the denominator is equivalent to $\frac{4}{9}$?

$\frac{1}{3} = \frac{\square}{9}$

Which of the models below represent a fraction that is equivalent to $\frac{1}{2}$?



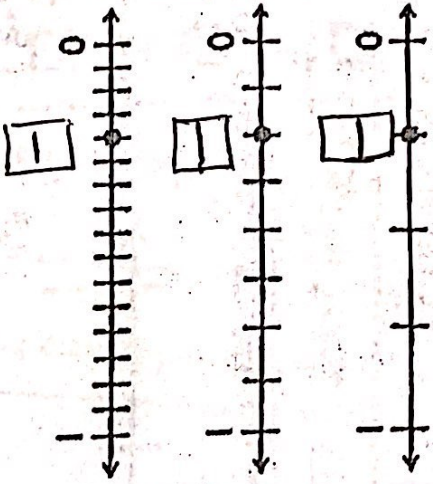
Madison drew the fraction model below.



Draw an equivalent fraction model.



The number lines below represent equivalent fractions. Label each point with the fraction that it represents.



Is there a limit on the number of equivalent fractions a given fraction can have? Explain.

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

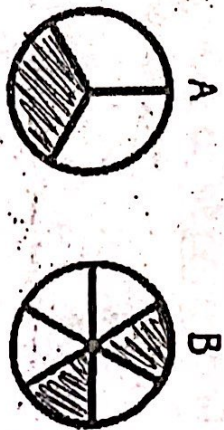
This question has 4 parts. A-D.
 Part A - Keela says that $\frac{3}{4}$ is equivalent to $\frac{3}{5}$ because they have the same numerator. Layla thinks that Keela is incorrect. Who is correct, Keela or Layla?

Part B - Draw a fraction model to prove who is correct.

Part C - Explain your thinking.

is correct because _____

Select the statements that best describe the fraction models.



- B has more parts than A.
- B has fewer parts than A.
- B is equivalent to A.
- B is larger than A.
- B is smaller than A.

$$\frac{4}{6} = \frac{2}{\square}$$

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

$$\frac{2}{\square} = \frac{1}{4}$$

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

$$\frac{\square}{5} = \frac{3}{15}$$

$$\frac{2}{6} = \frac{4}{\square}$$

Thursday

I don't said that $(\frac{1}{5})$ is greater than $(\frac{3}{3})$ because 6 is greater than 3.
 Is she correct? yes no

Draw a model to show your thinking.

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



Circle the fractions that would make the inequality true.

- $\frac{1}{2} > \frac{1}{6}$ $\frac{1}{6} > \frac{5}{8}$
 $\frac{2}{3} > \frac{1}{3}$

Compare the fractions using $<$, $>$, or $=$.

$\frac{3}{9} \bigcirc \frac{1}{3}$ $\frac{1}{2} \bigcirc \frac{1}{3}$ $\frac{5}{10} \bigcirc \frac{1}{2}$

$\frac{3}{6} \bigcirc \frac{5}{6}$ $\frac{2}{12} \bigcirc \frac{1}{6}$ $\frac{8}{9} \bigcirc \frac{3}{8}$

This question has 4 parts, A-D. (Notebook page 39)

Part A - Compare $(\frac{3}{8})$ and $(\frac{3}{4})$ using the number line below.



Part B - What benchmark fraction can you use to compare $(\frac{3}{8})$ and $(\frac{3}{4})$? _____

Part C - Write an inequality comparing $(\frac{3}{8})$ and $(\frac{3}{4})$ using the benchmark fraction.

Part D - Why is $(\frac{1}{2})$ a good benchmark fraction to use?

Select the inequalities that are true.

- $\frac{1}{4} > \frac{1}{2}$ $\frac{7}{8} > \frac{1}{7}$
 $\frac{2}{5} < \frac{3}{5}$ $\frac{2}{3} < \frac{2}{5}$
 $\frac{3}{6} > \frac{1}{3}$ $\frac{5}{5} < \frac{2}{2}$
 $\frac{2}{7} > \frac{2}{8}$ $\frac{1}{9} > \frac{1}{5}$