

6th Grade
Sept 29, 2020

Please get out
your homework
and a pen for
checking.

Today we will:
-review HW
-break into 2
groups for
practice adding
fractions with like
denominators

HOMEWORK:

Video notes

Riddle WS

ALEKS new
assignment due
Tues, Oct 6

OPTIONAL
EXTRA CREDIT
ALEKS due
Friday



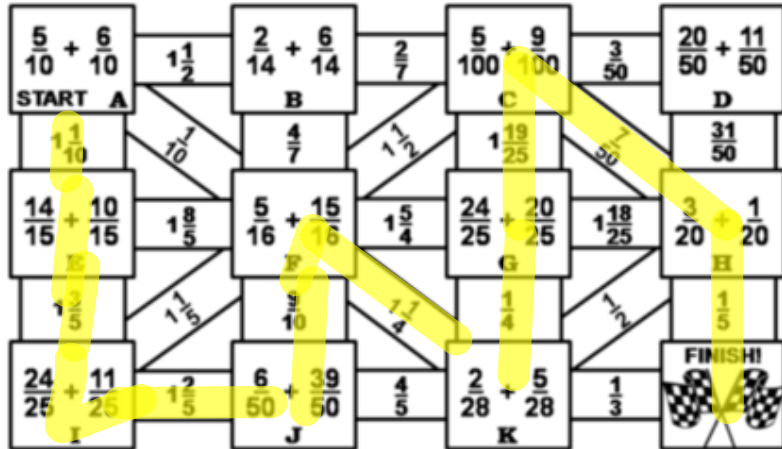
HOMEWORK



Name _____

Unit ____ Lesson _____ Due Date _____

Use your answers to guide you to the end of the maze.



Show your work here:

$$\textcircled{A} \quad \frac{5}{10} + \frac{6}{10} = \frac{11}{10} = \left(1\frac{1}{10}\right)$$

$$\textcircled{E} \quad \frac{14}{15} + \frac{10}{15} = \frac{24}{15} \div \frac{3}{3} = \frac{8}{5} = \left(1\frac{3}{5}\right)$$

$$\textcircled{I} \quad \frac{24}{25} + \frac{11}{25} = \frac{35}{25} \div \frac{5}{5} = \frac{7}{5} = \left(1\frac{2}{5}\right)$$

$$\textcircled{J} \quad \frac{6}{50} + \frac{39}{50} = \frac{45}{50} \div \frac{5}{5} = \left(\frac{9}{10}\right)$$

$$\textcircled{F} \quad \frac{5}{16} + \frac{15}{16} = \frac{20}{16} \div \frac{4}{4} = \frac{5}{4} = \left(1\frac{1}{4}\right)$$

$$\textcircled{K} \quad \frac{2}{28} + \frac{5}{28} = \frac{7}{28} \div \frac{7}{7} = \left(\frac{1}{4}\right)$$

$$\textcircled{G} \quad \frac{24}{25} + \frac{20}{25} = \frac{44}{25} = \left(1\frac{19}{25}\right)$$

$$\textcircled{C} \quad \frac{5}{100} + \frac{9}{100} = \frac{14}{100} \div \frac{2}{2} = \left(\frac{7}{50}\right)$$

$$\textcircled{H} \quad \frac{3}{20} + \frac{1}{20} = \frac{4}{20} \div \frac{4}{4} = \left(\frac{1}{5}\right)$$

The letter path to get from START to FINISH is **A E I J F K G C H.**



Math is fun!

**Listen to directions
for today's classwork.**

Students will split into two groups: One with me, watching a video on simplifying fractions and doing white board work. The other group will work independently with supervision by Mrs. Drosback.

The image depicts a virtual classroom environment. On the left, a large whiteboard with a brown frame displays the text "Math is fun!" in pink cursive and "Listen to directions for today's classwork." in black bold font. To the right of the whiteboard, a small framed picture shows a raccoon playing a xylophone. In the foreground, a cartoon avatar of a woman with long blonde hair, wearing a blue blazer and black pants, sits on a bright green armchair with her arms raised. A colorful patterned rug is on the wooden floor in front of the whiteboard.



Adding Fractions with Unlike Denominators



Name _____

Unit ___ Lesson _____ Due Date _____

STEP 1:

Write

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

↑ ↑

unlike
denominators

STEP 2:Find LCD

least common denominator

$$\begin{array}{l} 4 \mid 4, 8, 12, 16, 20, 24, \dots \\ 3 \mid 3, 6, 9, 12, 15, 18, \dots \end{array}$$

Smallest
same
bottom number

STEP 3: Rewrite

and solve

$$\begin{array}{r} \frac{2}{4} \times \frac{3}{3} = \frac{6}{12} \\ + \frac{1}{3} \times \frac{4}{4} = \frac{4}{12} \\ \hline \frac{10}{12} \end{array}$$

STEP 4:

Simplify

$$\frac{10}{12} \cdot \frac{2}{2} = \frac{5}{6}$$

$$1. \frac{1}{7} + \frac{4}{2} =$$

$$\text{LCD} = 14$$

$$\begin{array}{l} 7 \mid 7, 14, 21, \dots \\ 2 \mid 2, 4, 6, 8, 10, 12, 14, 16, \dots \end{array}$$

$$\frac{1}{7} \times \frac{2}{2} = \frac{2}{14}$$

$$+ \frac{4}{2} \times \frac{7}{7} = \frac{28}{14}$$

$$\frac{30}{14} \div \frac{2}{2} = \frac{15}{7} = 2 \frac{1}{7}$$

$$\begin{array}{r} 2 \frac{1}{7} \\ 7 \overline{) 15} \\ \underline{-14} \\ 1 \end{array}$$

$$2. \frac{3}{6} + \frac{4}{10} =$$

$$\text{LCD} = 30$$

$$\begin{array}{l} 6 \mid 6, 12, 18, 24, 30, 36, \dots \\ 10 \mid 10, 20, 30 \end{array}$$

$$\frac{3}{6} \times \frac{5}{5} = \frac{15}{30}$$

$$+ \frac{4}{10} \times \frac{3}{3} = \frac{12}{30}$$

$$\frac{27}{30} \div \frac{3}{3} = \frac{9}{10}$$

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

4. $\frac{7}{9} + \frac{1}{3} =$