STUDENT INSTRUCTIONS

1. Follow the directions to complete the work on each of the following slides.
2. Be sure to ask questions and show your thinking on scratch paper.
3. Once complete, access the exit ticket by typing the short link into your internet browser.
4. Submit your exit ticket.

DIVIDING FRACTIONS

- SLIDE 3
- SLIDE 4
- SLIDE 5
- SLIDE 6
- EXIT TICKET

DIVIDING FRACTIONS

EACH OF THE DIVISION PROBLEMS ON THE LEFT HAS A MATCHING SOLUTION ON THE RIGHT. TYPE THE LETTERS OF THE MATCHING SETS IN EACH OF THE WHITE BOXES BELOW.

A $\frac{3}{5} \div \frac{2}{3}$

B $\frac{7}{9} \div 7$

C $\frac{4}{9} \div \frac{3}{7}$

D $9 \div \frac{1}{5}$

E $\frac{5}{6} \div \frac{1}{3}$

CARD ☐ MATCHES CARD ☐

CARD ☐ MATCHES CARD ☐

CARD ☐ MATCHES CARD ☐

CARD ☐ MATCHES CARD ☐

CARD ☐ MATCHES CARD ☐

F $\frac{1}{9}$

G $1\frac{1}{27}$

H $\frac{9}{10}$

I $2\frac{1}{2}$

J 45

DIVIDING FRACTIONS

THE MIXED NUMBERS IN EACH DIVISION PROBLEM ARE REWRITTEN AS IMPROPER FRACTIONS AND THEN AS A MULTIPLICATION PROBLEM. COMPLETE THE TABLE BY DRAGGING EACH MISSING PIECE TO THE CORRECT WHITE RECTANGLE.

	REWRITE AS IMPROPER FRACTIONS	REWRITE AS MULTIPLICATION	SOLUTION
$4\frac{7}{8} \div 2\frac{1}{2}$	$\frac{39}{8} \div \frac{5}{2}$	$\square \cdot \square$	$\square$
$11\frac{2}{3} \div 3\frac{3}{4}$	$\square \div \square$	$\square \cdot \square$	$3\frac{1}{9}$
$9\frac{1}{5} \div 2\frac{5}{6}$	$\square \div \square$	$\frac{46}{5} \cdot \frac{6}{17}$	$\square$

$1\frac{19}{20}$ $\frac{15}{4}$

$\frac{46}{5}$ $\frac{4}{15}$

$\frac{39}{8}$ $3\frac{21}{85}$

$\frac{2}{5}$ $\frac{35}{3}$

$\frac{17}{6}$ $\frac{35}{3}$

DRAG THESE

DIVIDING FRACTIONS

THREE GROUPS OF STUDENTS PRACTICED DIVIDING FRACTIONS. FIND THE STUDENT IN EACH GROUP WHO MADE A MISTAKE AND USE THE TYPING TOOL TO COMPLETE THE STATEMENTS IN THE YELLOW BOX.

A

LIZA

$6\frac{1}{8} \div \frac{5}{7} = 7\frac{7}{8}$

JOSH

$3\frac{1}{2} \div 2\frac{3}{4} = 1\frac{3}{11}$

B

KELSEY

$4\frac{2}{3} \div \frac{2}{3} = 7$

DYANA

$3\frac{2}{3} \div 1\frac{3}{11} = 4\frac{2}{3}$

C

MONA

$1\frac{4}{5} \div 4 = 7\frac{1}{5}$

CHARLES

$8 \div 4\frac{1}{5} = 1\frac{19}{21}$

1. In Group A, _____ made a mistake. The solution should be _____.
2. In Group B, _____ made a mistake. The solution should be _____.
3. In Group C, _____ made a mistake. The solution should be _____.

DIVIDING FRACTIONS

DRAG AND DROP THE CORRECT WORK AND SOLUTION INTO EACH WHITE RECTANGLE.

A Mia has $4\frac{3}{4}$ gallons of orange juice that she plans to pour into containers that each hold $\frac{1}{8}$ of a gallon. How many containers will Mia be able to fill?

$\square \div \square = \square$

B A running trail is $6\frac{1}{2}$ miles long. Leigh plans on running this trail over the course of 4 days. How much of the trail will she have to run each day?

$\square \div \square = \square$

C Kris is cutting ribbons that each measure $\frac{2}{3}$ ft long. If Kris is cutting from a piece that measures $8\frac{1}{3}$ ft, how many pieces can Kris cut?

$\square \div \square = \square$

D A cereal box contains $5\frac{3}{4}$ cups of cereal. The recommended serving is $\frac{3}{4}$ cups. How many servings are in 2 boxes of cereal?

$\square \div \square = \square$

38	$11\frac{1}{2}$	$\frac{3}{4}$	$\frac{1}{8}$	$6\frac{1}{2}$	$8\frac{1}{3}$	$1\frac{5}{8}$	$\frac{2}{3}$	$4\frac{3}{4}$	$12\frac{1}{2}$	4	$15\frac{1}{3}$

EXIT TICKET

ACCESS YOUR EXIT TICKET AT:

https://forms.gle/ah5QSBBbqScfT4VK9