DIVIDE FRACTIONS AND MIXED NUMBERS

LESSON 1.8 AND 1.9

RECIPROCAL

- When dividing fraction you do not actually have to divide (yaaaaaa).

- Instead of dividing you MULTIPLY by the RECIPROCAL.

- A fraction's reciprocal is what ever you could multiply the fraction by in order to =1.

- Example: the reciprocal of $\frac{5}{8}$ is $\frac{8}{5}$

- So in other words…

FLIP THE FRACTION

FIND THE RECIPROCAL

- $\dfrac{1}{5}$

- $\dfrac{358}{411}$

- 18

DIVIDING FRACTIONS

- YOU NEVER ACTUALLY DIVIDE FRACTIONS!!!!!!!YAAAHHHH
- When you are asked to divide fractions you actual do not divide, but instead you…MULTIPLY BY THE RECIPROCAL
- Another way to remember this is to remember

KEEP, CHANGE, FLIP

KEEP
FLIP
AND
CHANGE

DIVIDING FRACTIONS

Dividing Fractions

$$\frac{7}{3} \div \frac{2}{8} = \frac{7}{3} \times \frac{8}{2}$$

Keep   Change   Flip/Swap

PRACTICE ON WB

- $\dfrac{2}{3} \div \dfrac{3}{4}$

- $\dfrac{6}{8} \div \dfrac{6}{10}$

- $6\dfrac{1}{3} \div 2\dfrac{1}{2}$