Dividing Fractions

To divide fractions:

- KEEP — keep the first
- CHANGE — change to multiplication
- FLIP — flip the second

IF written as a mixed number CHANGE to an improper fraction first!!!

Example 1 - Whole Number x Fraction (Improper or Proper)

Divide each of the following:

a) $\frac{1}{5} \div 3$

b) $5 \div \frac{1}{2}$

Example 2 - Fraction x Fraction (Improper or Proper)

Divide each of the following:

a) $\frac{4}{5} \div \frac{2}{3}$

b) $\frac{8}{10} \div \frac{5}{2}$

Example 3 - Mixed Numbers

Divide each of the following:

a) $2\dfrac{5}{8} \div \dfrac{2}{6}$

b) $\dfrac{1}{2} \div 1\dfrac{1}{2}$

c) $9\dfrac{2}{5} \div 1\dfrac{1}{3}$

STOP

Complete the following:
Worksheet - Dividing Fractions (Whole Numbers & Fractions) (evens)
Worksheet - Dividing Fractions (Mixed Numbers) (evens)

Outcome: N6 - Demonstrate an understanding of multiplying and dividing positive fractions and mixed numbers