

Hey BROTHER.

It looks like you're already good at flipping and multiplying fractions.

I've made a new worksheet with more ← SPACE → so it's easier to simplify your answers

To help with simplifying below are some tips on finding common factors and converting to mixed numbers.

FINDING COMMON FACTORS

- 1 Factor the top and bottom into prime numbers
- 2 Cancel common factors
- 3 Re-multiply the leftovers.

Ex. 1

$$\frac{4}{10} = \frac{\cancel{2} \times \textcircled{2}}{\cancel{2} \times \textcircled{5}} \longrightarrow \frac{2}{5}$$

Ex. 2

$$\frac{6}{20} = \frac{\cancel{2} \times \textcircled{3}}{\cancel{2} \times \textcircled{2} \times 5} \longrightarrow \frac{3}{10}$$

CONVERTING IMPROPER FRACTIONS TO MIXED NUMBERS

- 1 Divide Top number by bottom number
- 2 Answer is the whole number
- 3 Remainder becomes numerator.

An improper fraction
Top number Bigger
than bottom number

$\frac{7}{2} \rightarrow 2 \overline{) 7}$

answer is the whole number

remainder is the numerator

denominator stays the same.

$3 \frac{1}{2}$