Dividing Unit Fractions by A Whole

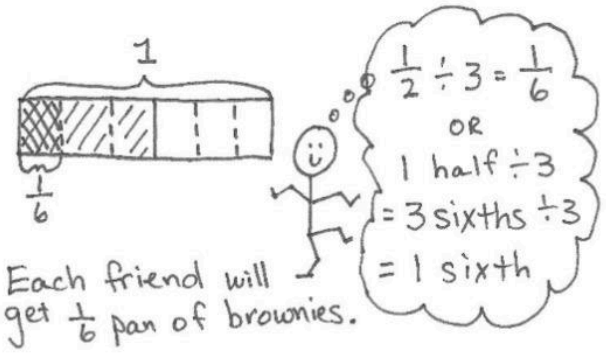
Objective: I can divide a whole number by a unit fraction.

Check X Reasoning

- A fraction **x** a fraction = Product will be less then what you started with
- A whole number **x** a fraction = Product will increase
- "of a number" means product will become less
- "of" means to multiply

When you divide a fraction by a whole number you are getting smaller pieces which equals a smaller valued fraction.

$\frac{1}{2} \div 3$



5th M4 L 26. Dividing a unit fraction by a whole number

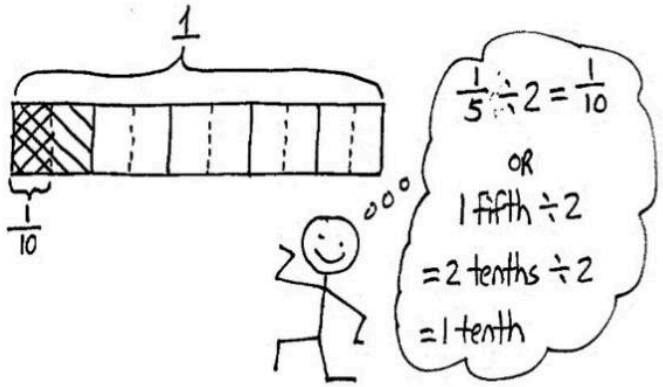
Dividing Unit Fractions By A Whole

Dividing a unit fraction by a whole number is the **same** as dividing fraction by a fraction. Follow the same steps of:

Keep, Change, Flip, Multiply, & Simplify

EXCEPT now the whole number is the second fractions and after you put it over 1, you must flip to its reciprocal.

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



TRY IT NOW!

$\frac{1}{2} \div 4$