**5th Grade Unit 4 Parent Packet**

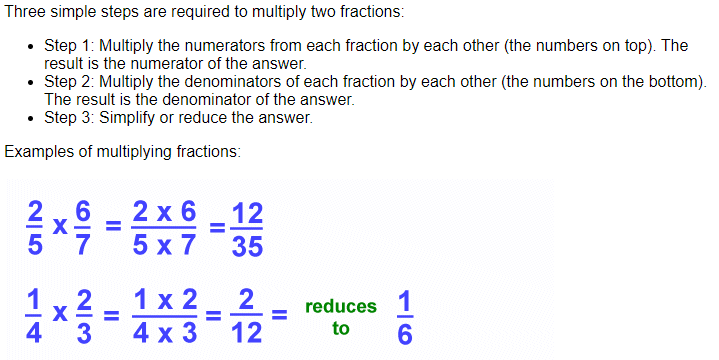
**Don’t forget the Washington Middle School Math Resource Website**

[**https://washingtonmiddleschoolmath.weebly.com/**](https://washingtonmiddleschoolmath.weebly.com/)

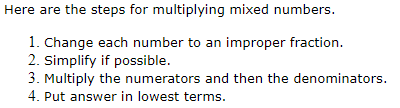
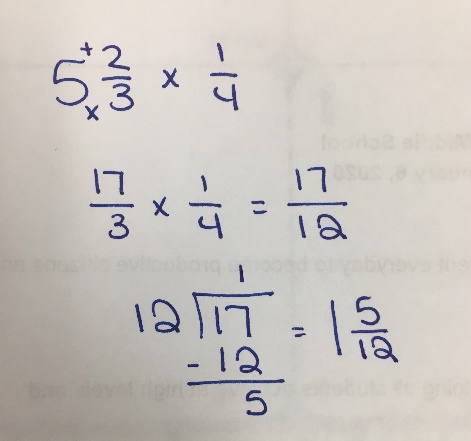
**Standards** 5.NF.B.4,5.NF.6

* I can multiply fractions by fractions, fractions by whole numbers, fractions by mixed numbers and mixed numbers by mixed numbers.
* I can solve real world problems involving the multiplication of fractions, whole numbers, and mixed numbers.

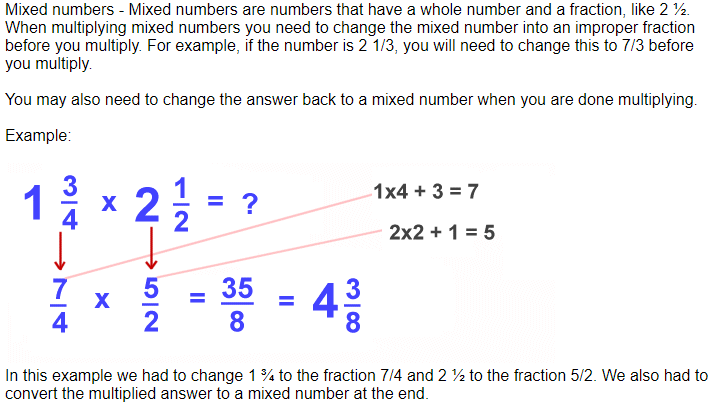
**How to multiply fractions by fractions:**



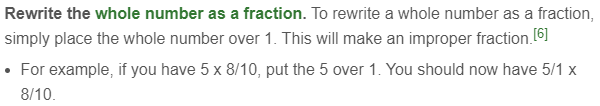
**How to multiply fractions by mixed numbers:**

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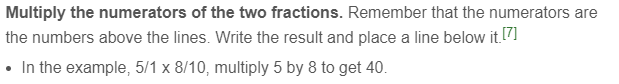
**How to multiply mixed numbers by mixed numbers:**



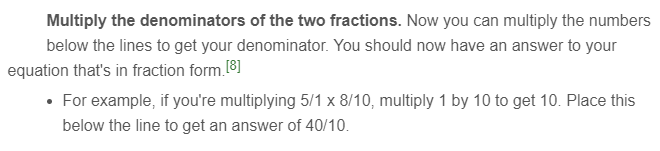
**How to multiply fractions by whole numbers:**

Step 1: 

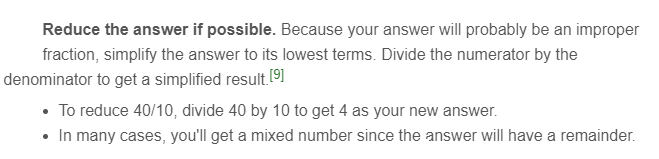
Step 2:

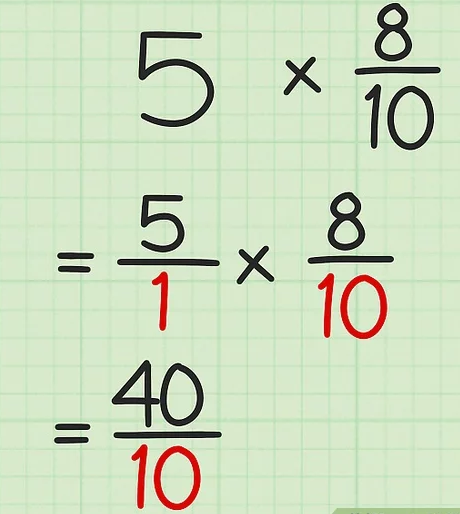


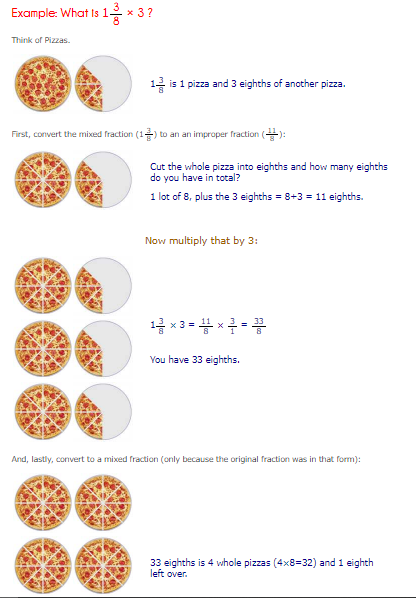
Step 3:



Step 4:





**How to multiply a mixed number by a whole number:**

**Extra Practice:**

<https://www.math-aids.com/cgi/pdf_viewer_3.cgi?script_name=fractions_multiply.pl&difficult=0&probs=10&language=0&memo=&answer=1&x=97&y=15>

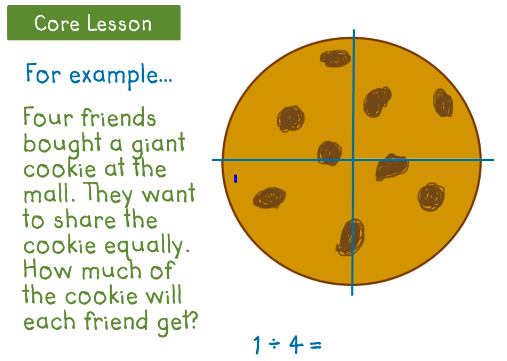
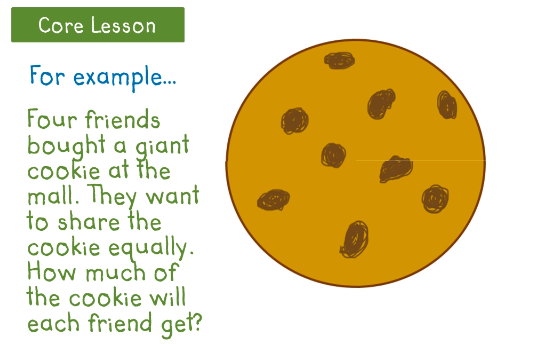
<https://www.math-aids.com/cgi/pdf_viewer_3.cgi?script_name=multiplying_mixed_numbers.pl&difficult=0&probs=10&language=0&memo=&answer=1&x=73&y=40>

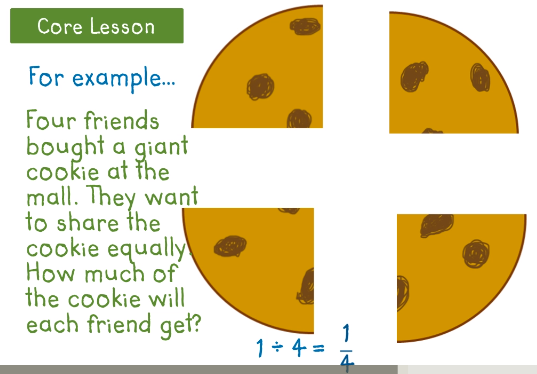
<https://www.math-aids.com/cgi/pdf_viewer_3.cgi?script_name=fractions_multiply_whole.pl&difficult=0&format=0&probs=10&language=0&memo=&answer=1&x=103&y=25>

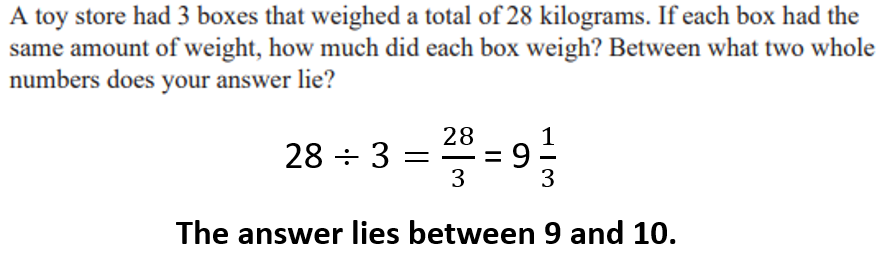
**Standard 5.NF.B.3**

* **I can interpret a fraction as division.**

**Examples:**





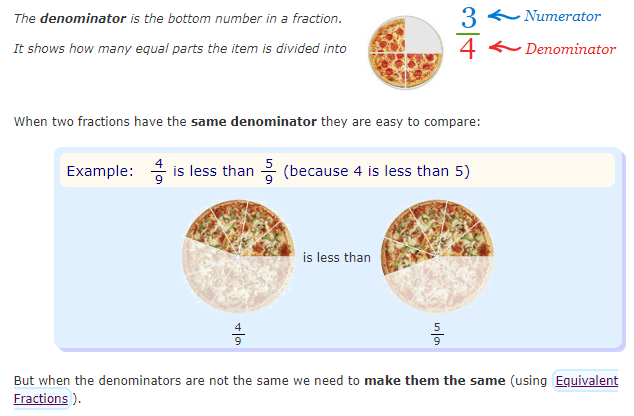


**Extra Practice:**

<https://www.commoncoresheets.com/Math/Fractions/Division%20as%20Fraction%20-%20Word/English/7.pdf>

**Review Skills**

**Comparing Fractions**



**Ordering fractions**

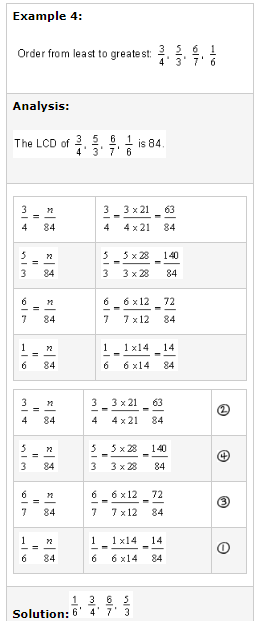
**Steps:**

1. Find the common denominator

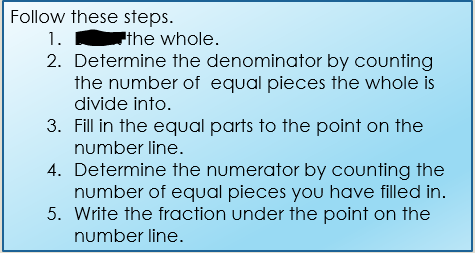
2. Find equivalent fractions

3. Compare the numerators

4. Put the fractions in order as directed



**Placing fractions on a number line**



Find

Place 6/8 on the number line below.

