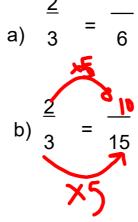


Gr. 5 Review



Gr. 5 Review

Equivalent Fractions have the same value, even though they may look different.

These fractions are really the same:

$$\frac{1=2}{2} = \frac{4}{8}$$

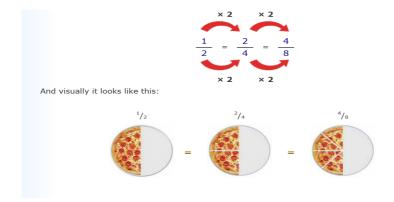
To get equivalent fractions you MUST

multiply or divide both the top and bottom by the same number.

The rule to remember is:

"What you do to the top you must do to the bottom"

Here is why those fractions are really the same:

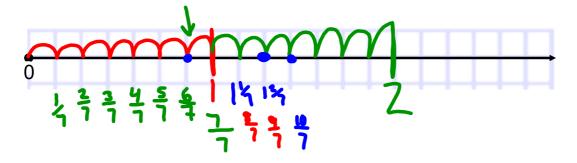


When comparing fractions with the same denominators and placing them on a number line.

Make sure the number line is cut into equal pieces which happens to be the denominator.

Compare
$$\underline{6}$$
, $\underline{12}$, $\underline{10}$ Place them on the number line

Hint: Denominator is $\overline{}$, so it takes $\overline{}$ jumps to get to 1 whole



Mixed = has whole and fractional part

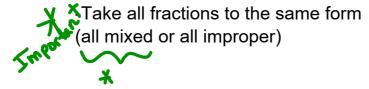
2 4

Fraction

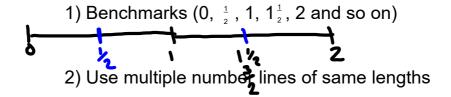
whole fraction

Improper -> top# larger than bottom

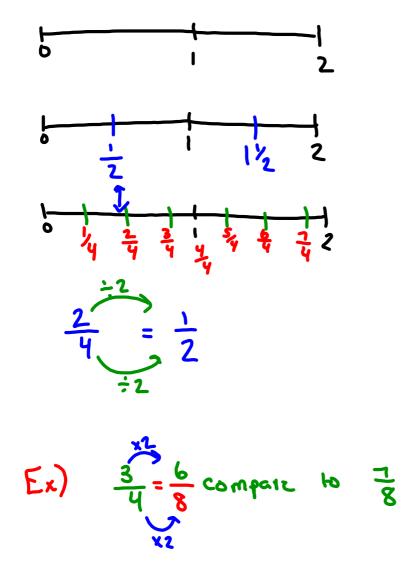
When comparing fractions of different denominators...

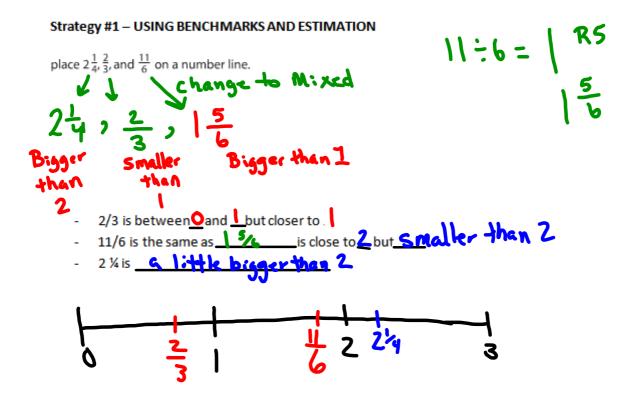


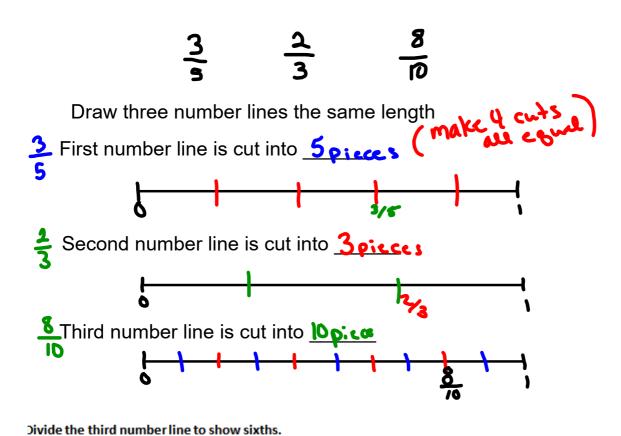
Then there is 3 methods to choose from



3) Equivalent Fractions (Find common denominators and compare numerators)







Strategy #3 - WRITE EACH NUMBER AS AN EQUIVALENT FRACTION WITH THE SAME DENOMINATOR.

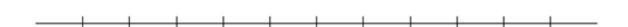
place $2\frac{1}{4}, \frac{2}{3}$, and $\frac{11}{6}$ on a number line.

Mixed Improper

- Maggie wrote $2\frac{1}{4}$ as an improper fraction: $2\frac{1}{4} = = \frac{9}{4}$ Since 12 is a multiple of 3, 4, and 6,
- she wrote each fraction with denominator 12. 2.



Draw a number line from 0-3 and divide the number line to show twelfths.



For each pair of numbers below:

Which strategy did you use? Benchmarks or Common denominators

Which number is the greatest?

Both bigger than 4

a)
$$4^{\frac{3}{2}} > 4^{\frac{7}{16}}$$

Just look at fraction part

$$\frac{3}{4} = \frac{12}{16}$$
Next to be both 4: xed or both 1 Improper

$$\frac{1}{12} = \frac{12}{16}$$
Next to be both 4: xed or both 1 Improper

$$\frac{1}{12} = \frac{12}{16}$$
Next to be both 4: xed or both 1 Improper

$$\frac{1}{12} = \frac{12}{12}$$
Next to be both 1 Improper

$$\frac{1}{12} = \frac{12}{12}$$
Change Improper

$$\frac{1}{12} = \frac{11}{12}$$
The proper is a second of the part of the par

$$\frac{3}{8}$$
,
$$\frac{2}{12}$$

$$\frac{3}{8} = \frac{9}{24}$$

$$\frac{3}{12} = \frac{4}{24}$$

$$\frac{4}{12} = \frac{4}{24}$$

$$\frac{4}{12} = \frac{4}{24}$$

$$\frac{24}{12} = \frac{4}{24}$$

To find common denominators, you will list the multiples of each denominator. Circle the lowest common multiple. This is your new denominator.

Ex)
$$\frac{3}{8}$$
 $\frac{2}{12}$

Not the same

Write multiples of 8 - 9, 16, 24, 32, 40...

Write multiples of 12 - 12, 24, 36

New Denominator is 24 x2

3 - 9 - 24

Bisser

Bisser