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**Taking ACTIONs with FRACTIONs!** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**IXL** due Monday, January 22, 2018

Unit fractions have a numerator of one (unit means one)

[Fourth grade](https://www.ixl.com/math/grade-4)

Q.1 Decompose fractions into unit fractions

Fractions with the same denominator are easy to add and subtract.

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Q.4 Add fractions with like denominators using number lines

Q.7 Subtract fractions with like denominator

Q.13 Add 3 or more fractions with like denominators

Fractions are division problems, so they are easy to convert from improper to mixed numbers by dividing. Example: 24/3 = 24 divided by 3 = 8 and 25/3 is 25 divided by three, which is 8 and 1 extra third (8 1/3). 26/3 is 26 divided by 3, which is 8 and 2/3. ☺

[Fifth grade](https://www.ixl.com/math/grade-5)

K.6 Convert between improper fractions and mixed numbers

When we add or subtract mixed numbers (fractions with whole numbers), we do the fraction part first. Then we do the whole numbers and adjust if needed.

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Q.14 Add and subtract mixed numbers with like denominators

Ratios are just like fractions and can even be written in lowest terms!

The order matters, and we use a colon **:** instead of a division sign to write ratios.

[Sixth grade](https://www.ixl.com/math/grade-6)

R.1 Write a ratio

When we do not have common denominators, we just make them (using equivalent fractions) so we CAN add and subtract fractions or mixed numbers. ☺

[Fourth grade](https://www.ixl.com/math/grade-4)

R.1 Add fractions with unlike denominators using models