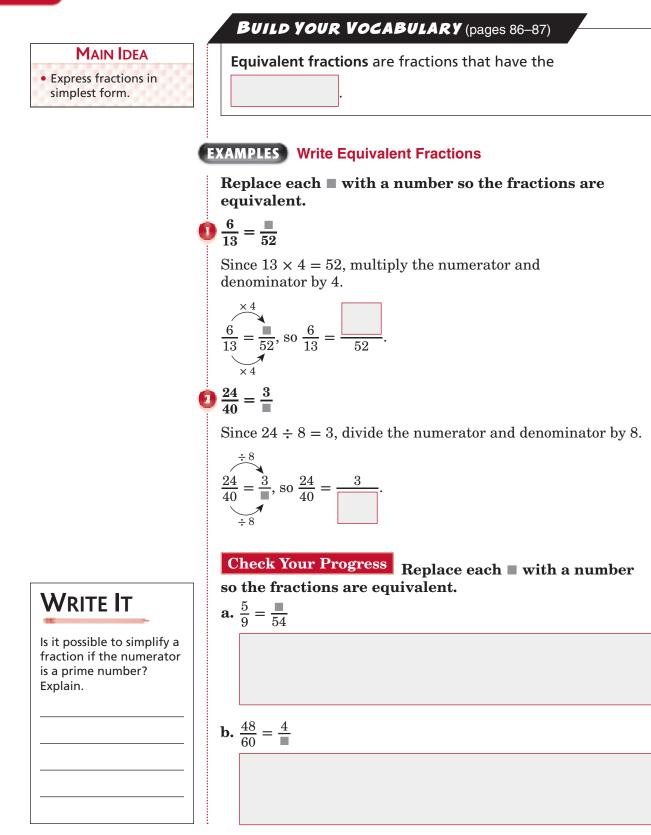


Simplifying Fractions



BUILD YOUR VOCABULARY (pages 86-87)

A fraction is in **simplest form** when the GCF of the numerator and denominator is 1.

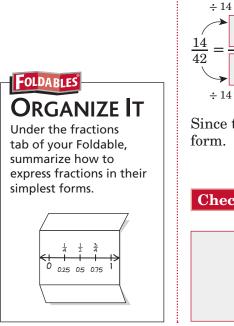


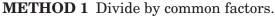
1 Write $\frac{14}{42}$ in simplest form.

KEY CONCEPT

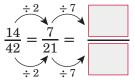
Simplest Form To write a fraction in simplest form, you can either:

- divide the numerator and denominator by common factors until the only common factor is 1, or
- divide the numerator and denominator by the GCF.





A common factor of 14 and 42 is 2. A common factor of 7 and 21 is 7.

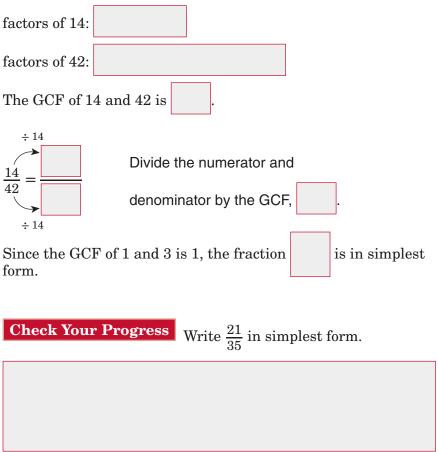


Since 1 and 3 have no common factor greater than 1, the

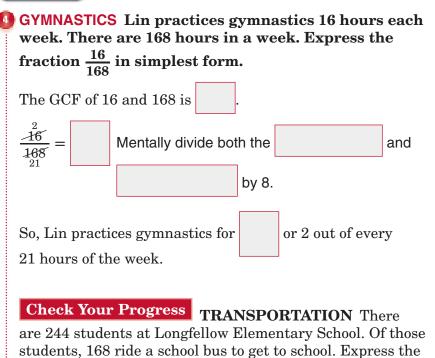
fraction

is in simplest form.

METHOD 2 Divide by the GCF.







4 - 2

fraction $\frac{168}{244}$ in simplest form.

