

Raising Fractions to Higher Terms

Before you can add and subtract fractions, you have to know how to raise a fraction to higher terms. This is actually the opposite of reducing a fraction.

Follow these steps to raise $\frac{2}{3}$ to 24ths:

1. Divide the old denominator (3) into the new one (24): $\frac{24}{3} = 8$
2. Multiply the answer (8) by the old numerator(2): $2 \times 8 = 16$
3. Put the answer (16) over the new denominator (24): $\frac{16}{24}$
4. Check: Reduce the new fraction to see if you return to the original one: $\frac{16 \div 8}{24 \div 8} = \frac{2}{3}$

Raise these fractions to higher terms:

8. $\frac{5}{12} = \frac{\quad}{24}$
9. $\frac{2}{9} = \frac{\quad}{27}$
10. $\frac{2}{5} = \frac{\quad}{500}$