

Name: _____ Year: _____

Subtracting Unlike Fractions

1) Subtract the fractions below:

$$\frac{2}{3} - \frac{3}{12}$$



But before that, find the equivalent fraction below:

$$\frac{2}{3} = \frac{\quad}{12}$$

Diagram showing the conversion of $\frac{2}{3}$ to an equivalent fraction with denominator 12. A red arrow points from the denominator 3 to 12, with "x ____" above it. Another red arrow points from the numerator 2 to the blank space, with "x ____" below it.

Lastly, subtract the fractions:

$$\frac{\quad}{12} - \frac{3}{12} = \frac{\quad}{\quad}$$

A blue arrow points from the blank space in the numerator of the first fraction in the previous equation to the first blank space in the numerator of this equation.

2) Subtract the fractions below:

$$\frac{7}{12} - \frac{1}{4}$$



But before that, find the equivalent fraction below:

$$\frac{1}{4} = \frac{\quad}{12}$$

Diagram showing the conversion of $\frac{1}{4}$ to an equivalent fraction with denominator 12. A red arrow points from the denominator 4 to the blank space in the numerator, labeled 'x ____'. Another red arrow points from the denominator 4 to the denominator 12, labeled 'x ____'. A blue line connects the blank space in the numerator to the blank space in the denominator of the final fraction.

Lastly, subtract the fractions:

$$\frac{7}{12} - \frac{\quad}{12} = \frac{\quad}{\quad}$$

Diagram showing the subtraction of the equivalent fraction from the first fraction. A blue arrow points from the blank space in the numerator of the second fraction to the blank space in the numerator of the result, and another blue arrow points from the blank space in the denominator of the second fraction to the blank space in the denominator of the result.