Add Like Fractions

Like fractions are fractions with the same denominator. You can add fractions with the same denominators.

Find the sum. Write the answer in simplest form.

$$\boxed{\frac{1}{12}}\boxed{\frac{1}{12}}\boxed{\frac{1}{12}}\boxed{\frac{1}{12}} \quad \boxed{\frac{1}{12}}\boxed{\frac{1}{12}}\boxed{\frac{1}{12}}$$

What is $\dfrac{4}{12} + \dfrac{3}{12}$?

Since the denominator is the same for each fraction, it will stay the same for the answer:

$$\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$$

Add the numerators : $4 + 3 = 7$.

So, $\dfrac{4}{12} + \dfrac{3}{12} = \dfrac{7}{12}$.

The sum is already in the simplest form.

Examples:

A- Find each sum.

1) $\frac{3}{6} + \frac{2}{6} = \frac{5}{6}$

2) $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$

3) $\frac{4}{12} + \frac{3}{12} = \frac{7}{12}$

4) $\frac{1}{5} + \frac{1}{5} = \frac{2}{5}$

5) $\frac{2}{10} + \frac{3}{10} = \frac{5}{10}$

6) $\frac{1}{3} + \frac{2}{3} = \frac{3}{3}$

B- Problem Solving

Sara plans to bake chocolate chip cookies. Each batch calls for 2/8 cup of chocolate chips. How many cups of chocolate chips will Sara need for 2 batches of cookies?

$$\frac{2}{8} + \frac{2}{8} = \frac{4}{8} \text{ cup}$$

Grade 3