

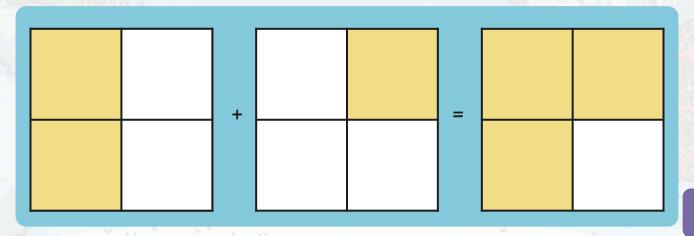
# Adding Fractions with Denominators That Are Multiples of the Same Number



These fractions have denominators that are multiples of the same number.

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

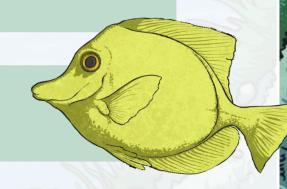
To add, convert the fractions into equivalent fractions with the same denominator. Then add the numerators.

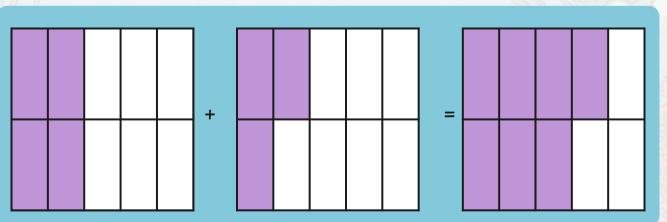




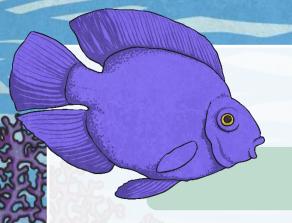
Add these fractions.

$$\frac{2}{5} + \frac{3}{10} = \frac{4}{10} + \frac{3}{10} = \frac{7}{10}$$



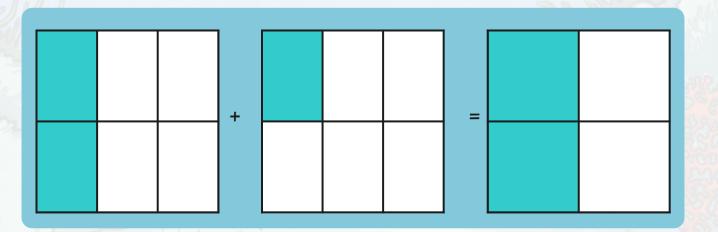






Add these fractions.

$$\frac{1}{3} + \frac{1}{6} = \frac{2}{6} + \frac{1}{6} = \frac{3}{6} \text{ or } \frac{1}{2}$$

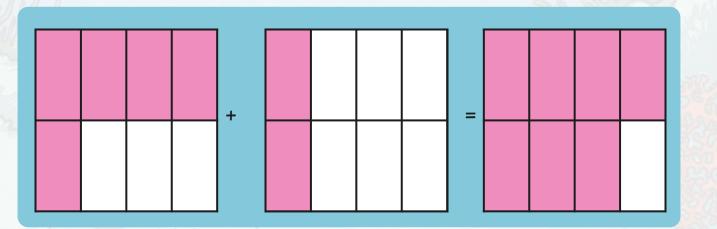




Add these fractions.

$$\frac{5}{8} + \frac{1}{4} = \frac{5}{8} + \frac{2}{8} = \frac{7}{8}$$



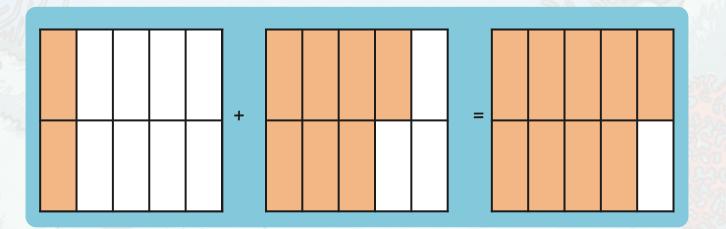






Add these fractions.

$$\frac{1}{5} + \frac{7}{10} = \frac{2}{10} + \frac{7}{10} = \frac{9}{10}$$





Add these fractions.

$$\frac{2}{3} + \frac{1}{12} = \frac{8}{12} + \frac{1}{12} = \frac{9}{12} \text{ or } \frac{3}{4}$$

