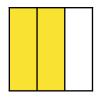
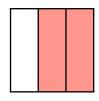
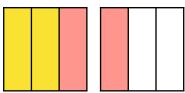
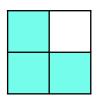
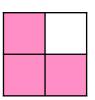
## **Fraction Charts: Addition Examples**

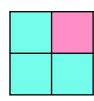


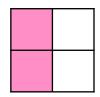












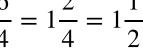
$$\frac{2}{3}$$

$$\frac{2}{3}$$

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

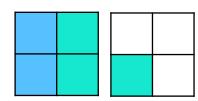
$$\frac{3}{4}$$

$$\frac{3}{4}$$
 +  $\frac{3}{4}$  =  $\frac{6}{4}$  =  $1\frac{2}{4}$  =  $1\frac{1}{2}$ 

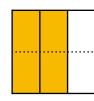




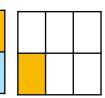












$$\frac{1}{2}\left(\frac{2}{4}\right) + \frac{3}{4} = \frac{5}{4} = 1\frac{1}{4}$$

$$\frac{3}{4}$$
 =

$$\frac{5}{4} = 1\frac{1}{4}$$

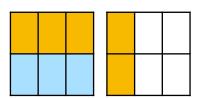
$$\frac{1}{2}\left(\frac{3}{6}\right)$$

$$\frac{1}{2}\left(\frac{3}{6}\right) + \frac{2}{3}\left(\frac{4}{6}\right) = \frac{7}{6} = 1\frac{1}{6}$$

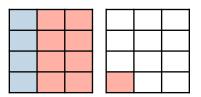
$$\frac{7}{6} = 1\frac{1}{6}$$











$$\frac{1}{2}\left(\frac{3}{6}\right) +$$

$$\frac{5}{6}$$

$$= \frac{8}{6} = 1\frac{2}{6} = 1\frac{1}{3}$$

$$\frac{1}{3}\left(\frac{4}{12}\right)$$

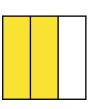
$$\frac{1}{2}\left(\frac{3}{6}\right) + \frac{5}{6} = \frac{8}{6} = 1\frac{2}{6} = 1\frac{1}{3} \qquad \frac{1}{3}\left(\frac{4}{12}\right) + \frac{3}{4}\left(\frac{9}{12}\right) = \frac{13}{12} = 1\frac{1}{12}$$

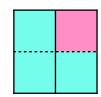
$$=\frac{13}{12}=1\frac{1}{12}$$

## **Fraction Charts: Subtraction Examples**



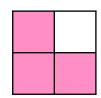
$$1\frac{1}{2}\left(\frac{4}{2}\right)$$
 -











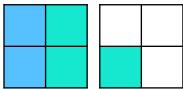
$$1\frac{1}{3}\left(\frac{4}{3}\right) - \frac{2}{3} = \frac{2}{3}$$

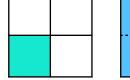
$$1\frac{1}{2}\left(\frac{6}{4}\right) \qquad - \quad \frac{3}{4} \qquad = \quad \frac{3}{4}$$

$$\frac{1}{2}\left(\frac{6}{4}\right)$$

$$-\frac{3}{4}$$

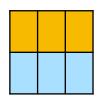
$$\frac{3}{4}$$



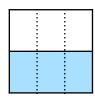


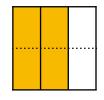


$$1\frac{1}{4}\left(\frac{5}{4}\right) - \frac{1}{2}\left(\frac{2}{4}\right) = \frac{3}{4}$$





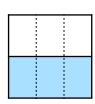


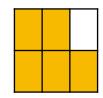


$$1\frac{1}{6}\left(\frac{7}{6}\right) - \frac{1}{2}\left(\frac{3}{6}\right) = \frac{4}{6} = \frac{2}{3}$$

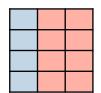


$$1\frac{1}{3}\left(\frac{8}{6}\right) \qquad -\frac{1}{2}\left(\frac{3}{6}\right) = \frac{5}{6}$$





$$\frac{5}{6}$$







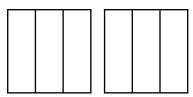


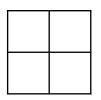
$$1\frac{1}{12}\left(\frac{13}{12}\right) - \frac{3}{4}\left(\frac{9}{12}\right) = \frac{4}{12} = \frac{1}{3}$$

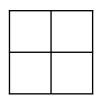
## **Fraction Addition Through Coloring**

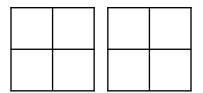










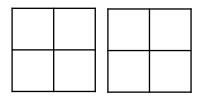


$$\frac{2}{3} + \frac{2}{3} =$$

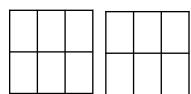
$$\frac{3}{4}$$
 +  $\frac{3}{4}$  =





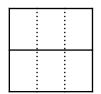


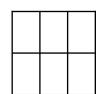


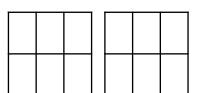


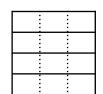
$$\frac{1}{2}\left(\frac{2}{4}\right) + \frac{3}{4} =$$

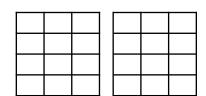
$$\frac{1}{2}\left(\frac{3}{6}\right) + \frac{2}{3}\left(\frac{4}{6}\right) =$$







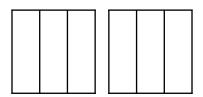


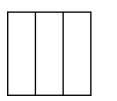


$$\frac{1}{2}\left(\frac{3}{6}\right) + \frac{5}{6} =$$

$$\frac{1}{3}\left(\frac{4}{12}\right) + \frac{3}{4}\left(\frac{9}{12}\right) =$$

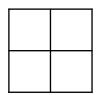
## **Fraction Subtraction Through Coloring**













$$1\frac{1}{3}\left(\frac{4}{3}\right) - \frac{2}{3} =$$

$$1\frac{1}{2}\left(\frac{6}{4}\right)$$
 -









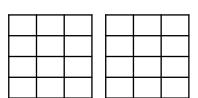


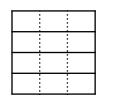
$$1\frac{1}{4}\left(\frac{5}{4}\right) - \frac{1}{2}\left(\frac{2}{4}\right) =$$

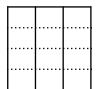
$$1\frac{1}{6}\left(\frac{7}{6}\right) - \frac{1}{2}\left(\frac{3}{6}\right) =$$











$$1\frac{1}{3}\left(\frac{8}{6}\right) \qquad -\frac{1}{2}\left(\frac{3}{6}\right) =$$

$$1\frac{1}{12}\left(\frac{13}{12}\right) - \frac{3}{4}\left(\frac{9}{12}\right) =$$