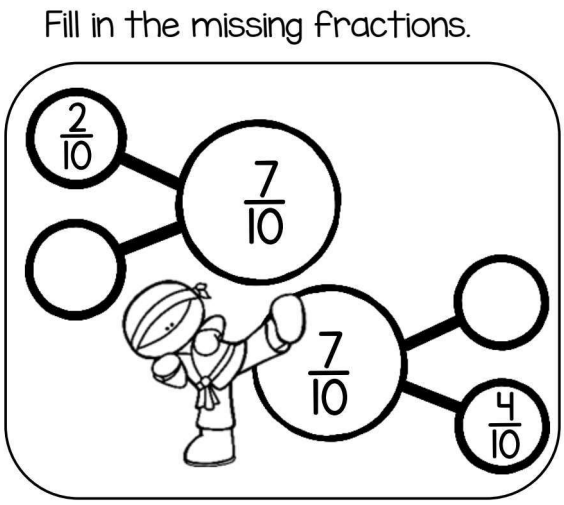
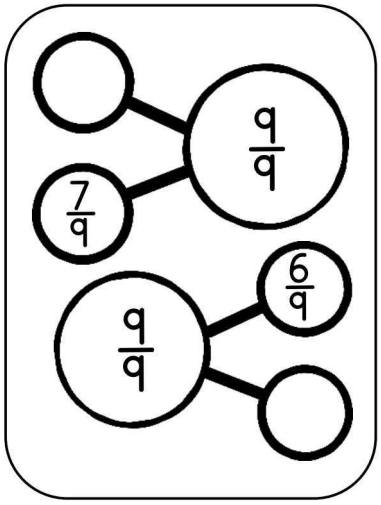
Break it Up

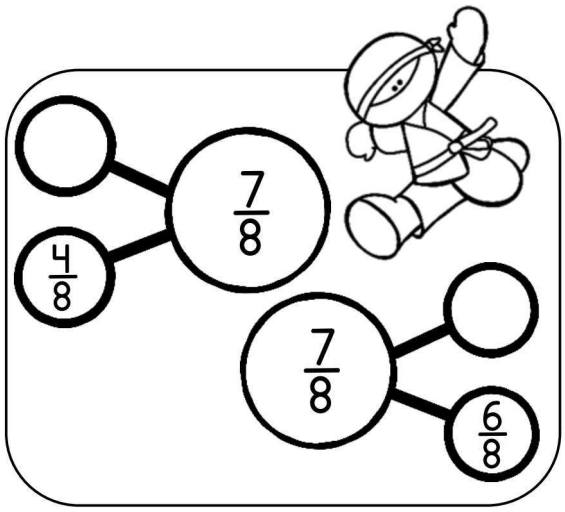
Decomposing Fractions

Name:

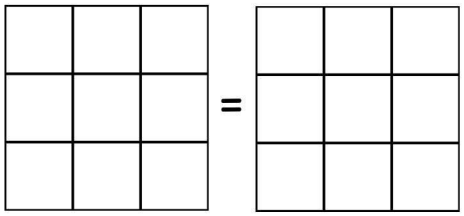
Fill in the missing fractions.



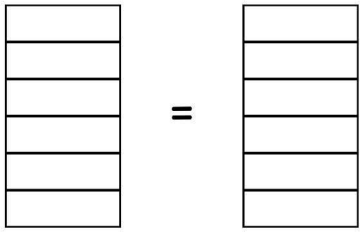




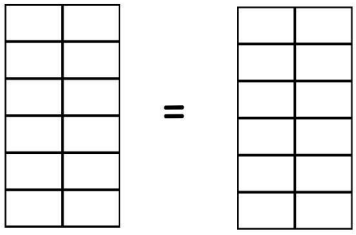
Shade the models to match the equations.



$\frac{6}{9} + \frac{1}{9} = \frac{3}{9} + \frac{4}{9}$

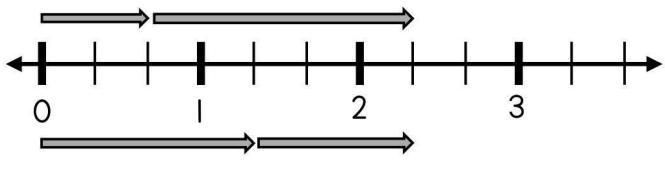


$\frac{2}{6} + \frac{3}{6} = \frac{1}{6} + \frac{4}{6}$

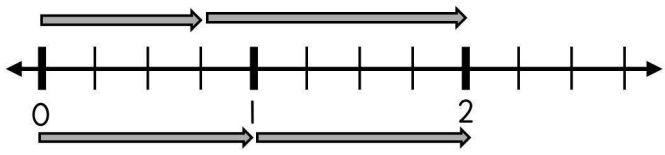


$\frac{3}{12} + \frac{7}{12} = \frac{8}{12} + \frac{2}{12}$

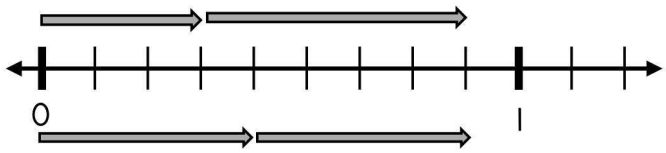
Complete the equations to represent the number lines.



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

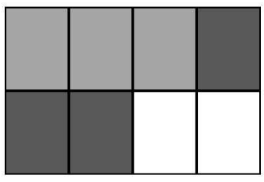


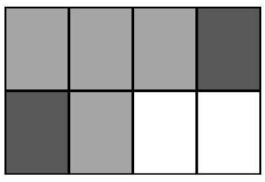
__ + __ = __ + __



__ + __ = __ + __

Write an equation to represent the equality of the two models.





__ + __ = __ + __