

Model Match Answer Key

1. Model E, $\frac{2}{9}$
2. Model D, $\frac{5}{10} = \frac{1}{2}$
3. Model B, $\frac{4}{8} = \frac{1}{2}$
4. Model A, $\frac{3}{6} = \frac{1}{2}$
5. Model F, $\frac{4}{12} = \frac{1}{3}$
6. Model C, $\frac{4}{9}$

Teacher's Guide

- Quick implementation tips
 - o Review how each box represents one equal part of the whole.
 - o Have students count the shaded boxes before matching a model.
 - o Remind students to simplify answers when possible.
- Differentiation strategies
 - o Let students color the models before matching.
 - o Provide fraction strips for students who need additional visual support.
 - o Ask advanced students to explain why more than one answer can simplify to the same fraction.
- Engagement ideas
 - o Have partners compare their model matches before checking answers.
 - o Ask students to explain how they knew which model belonged to each equation.
 - o Turn the activity into a matching race using small groups.
- Extension activities
 - o Have students draw a new model for a subtraction equation of their own.
 - o Ask students to write an equation that matches one of the existing models.
 - o Challenge students to create two different subtraction equations that produce the same simplified answer.