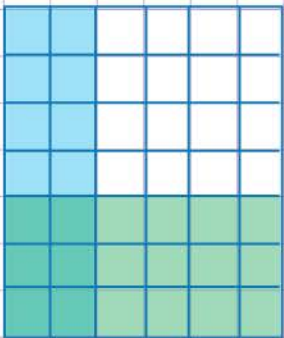
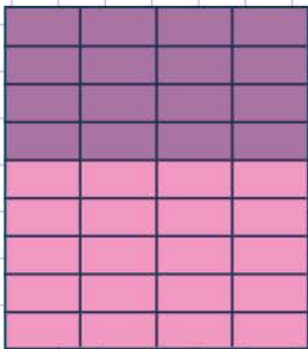


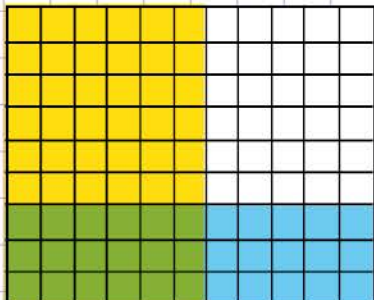
Name: Class:

Multiply two fractions using models: fill in the missing factor

Use the models below to find the missing factors.

a.  $\frac{2}{6} \times \frac{\square}{\square} = \frac{6}{42}$

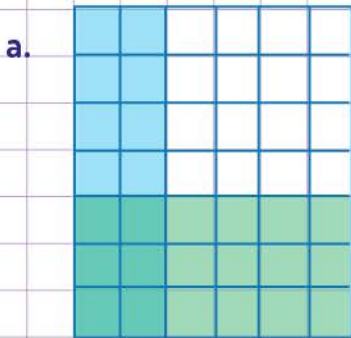
b.  $\frac{\square}{\square} \times \frac{4}{9} = \frac{16}{36}$

c.  $\frac{6}{\square} \times \frac{\square}{\square} = \frac{18}{99}$

Name: Class:

Multiply two fractions using models: fill in the missing factor

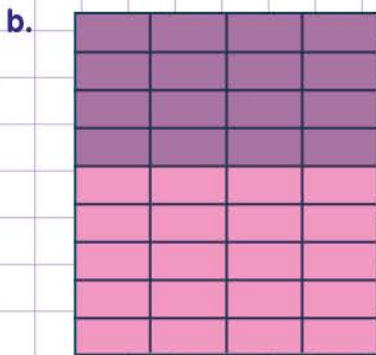
Use the models below to find the missing factors.



$$\frac{2}{6} \times \frac{\square}{\square} = \frac{6}{42}$$

The model has 6 columns. 2 out of these 6 columns are shaded in blue. These blue columns represents the given fraction $\frac{2}{6}$. Also, the model has 7 rows. 3 out of these 7 rows are shaded in green. These green rows represents the missing fraction $\frac{3}{7}$.

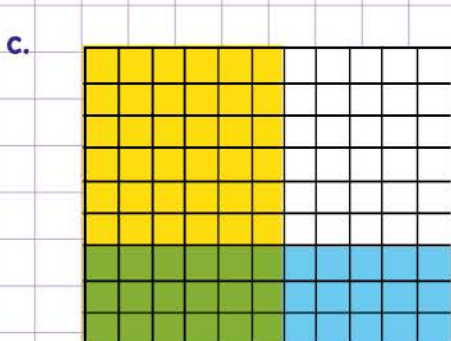
Therefore, the complete expression is $\frac{2}{6} \times \frac{3}{7} = \frac{6}{42}$.



$$\frac{\square}{\square} \times \frac{4}{9} = \frac{16}{36}$$

The model has 4 columns. 4 out of these 4 columns are shaded in deep pink. These deep pink columns represents the missing fraction $\frac{4}{4}$. Also, the model has 9 rows. 4 out of these 9 rows are shaded in light pink. These light pink rows represents the missing given fraction $\frac{4}{9}$.

Therefore, the complete expression is $\frac{4}{4} \times \frac{4}{9} = \frac{16}{36}$.



$$\frac{6}{\square} \times \frac{\square}{\square} = \frac{18}{99}$$

The model has 11 columns. 6 out of these 11 columns are shaded in yellow. These yellow columns represents the fraction $\frac{6}{11}$ (11 is the missing number). Also, the model has 9 rows. 3 out of these 9 rows are shaded in green. These green rows represents the missing fraction $\frac{3}{9}$.

Therefore, the complete expression is $\frac{6}{11} \times \frac{3}{9} = \frac{18}{99}$.