

## Modeling multiplication of proper fractions: Worksheet 7.2

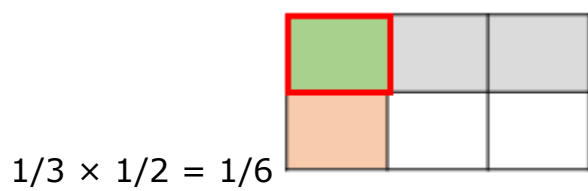
Name ..... Date ..... Score .....

1. Multiply the fractions using an area model  $\frac{1}{3} \times \frac{1}{2}$
2. Multiply the fractions using an area model  $\frac{1}{3} \times \frac{1}{3}$
3. Multiply the fractions using an area model  $\frac{2}{3} \times \frac{1}{2}$
4. Multiply the fractions using an area model  $\frac{2}{3} \times \frac{1}{6}$
5. Multiply the fractions using an area model  $\frac{1}{2} \times \frac{1}{2}$
6. Multiply the fractions using an area model  $\frac{3}{4} \times \frac{1}{2}$
7. Multiply the fractions using an area model  $\frac{3}{4} \times \frac{1}{3}$
8. Multiply the fractions using an area model  $\frac{3}{4} \times \frac{1}{4}$
9. Multiply the fractions using an area model  $\frac{3}{4} \times \frac{1}{5}$
10. Multiply the fractions using an area model  $\frac{3}{4} \times \frac{1}{6}$

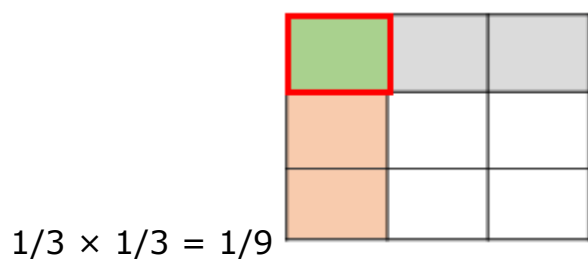


## Solutions: Worksheet 7.2

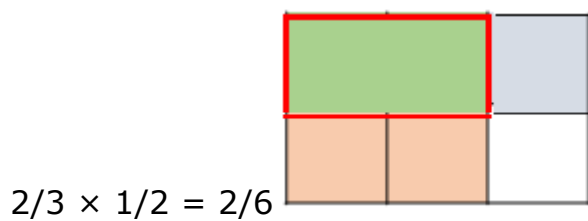
1.



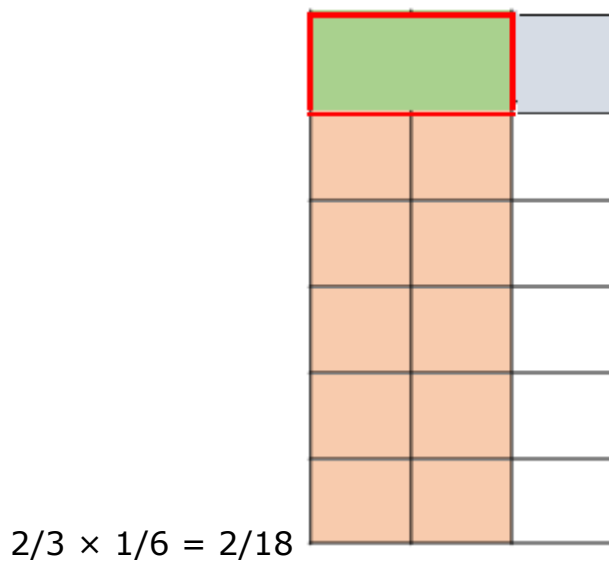
2.



3.



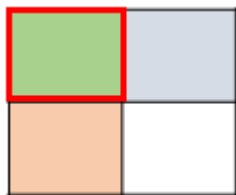
4.



## Solutions: Worksheet 7.2

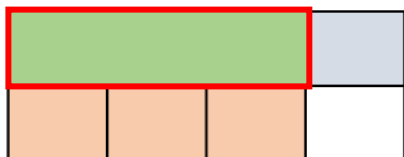
5.

$$\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$$



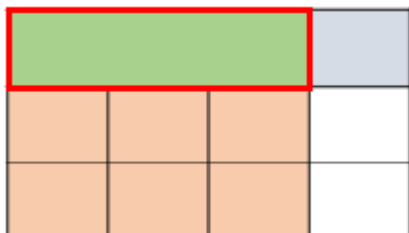
6.

$$\frac{3}{4} \times \frac{1}{2} = \frac{3}{8}$$



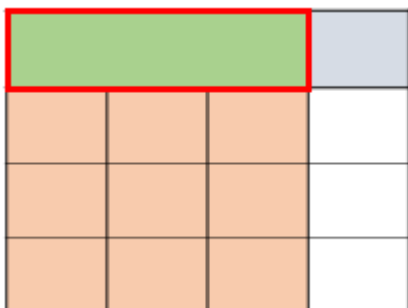
7.

$$\frac{3}{4} \times \frac{1}{3} = \frac{3}{12}$$



8.

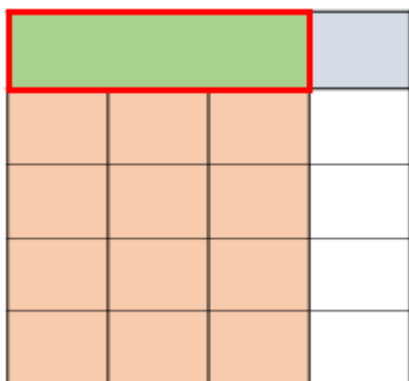
$$\frac{3}{4} \times \frac{1}{4} = \frac{3}{16}$$



## Solutions: Worksheet 7.2

9.

$$\frac{3}{4} \times \frac{1}{5} = \frac{3}{20}$$



10.

$$\frac{3}{4} \times \frac{1}{6} = \frac{3}{24}$$

