

# Modeling multiplication of proper fractions: Worksheet 7.1

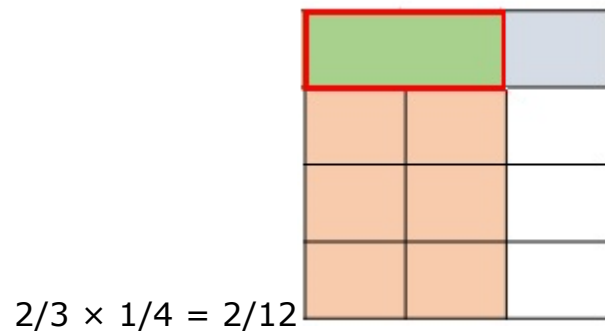
Name ..... Date ..... Score .....

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

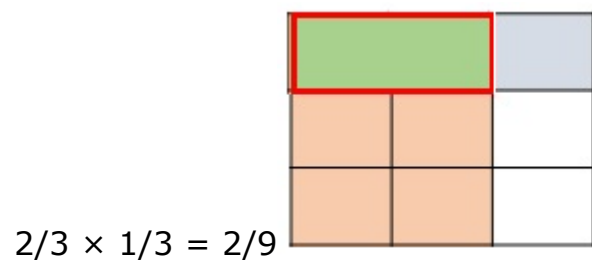


# Solutions: Worksheet 7.1

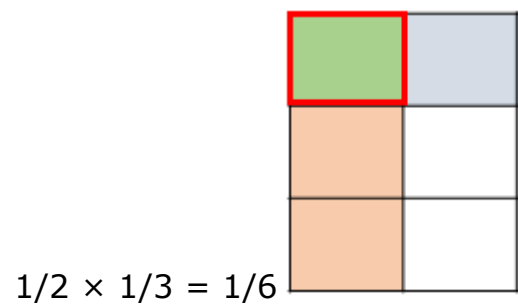
1.



2.

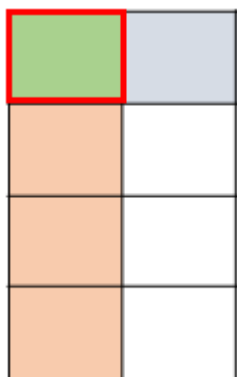


3.



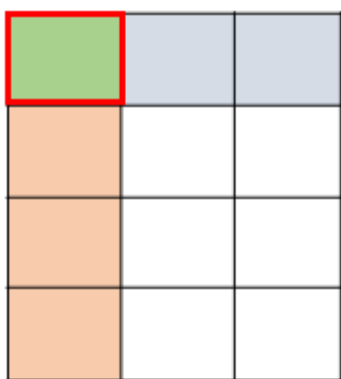
# Solutions: Worksheet 7.1

4.



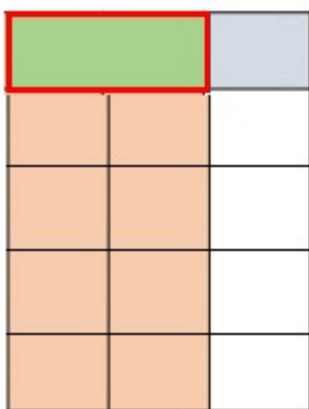
$$1/2 \times 1/4 = 1/8$$

5.



$$1/3 \times 1/4 = 1/12$$

6.

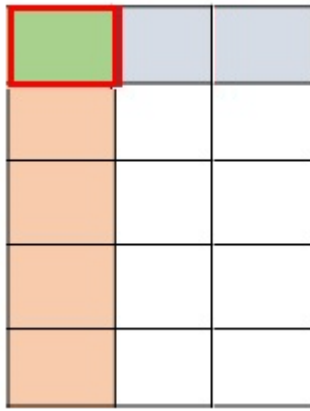


$$2/3 \times 1/5 = 2/15$$



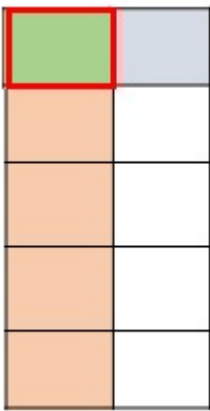
# Solutions: Worksheet 7.1

7.



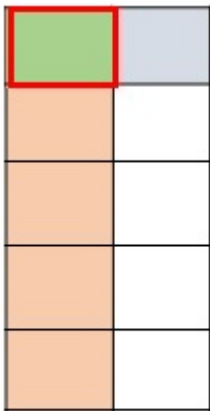
$$\frac{1}{3} \times \frac{1}{5} = \frac{1}{15}$$

8.



$$\frac{1}{2} \times \frac{1}{5} = \frac{1}{10}$$

9.

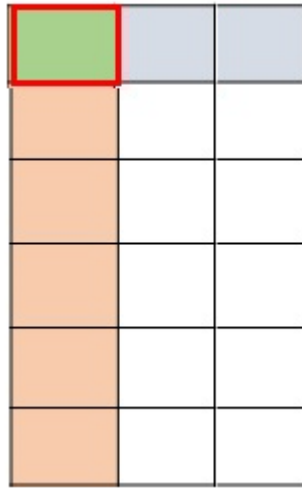


$$\frac{1}{2} \times \frac{1}{6} = \frac{1}{12}$$



# Solutions: Worksheet 7.1

10.



$$\frac{1}{3} \times \frac{1}{6} = \frac{1}{18}$$

