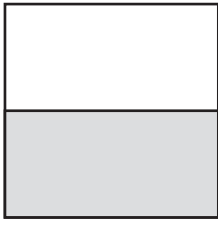
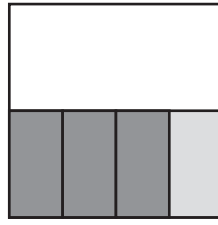


A Fraction of a fraction (fraction multiplication)

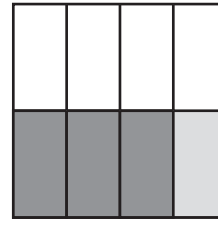
1. A recipe calls for $\frac{1}{2}$ of a cup of sugar. Clevere is going to make $\frac{3}{4}$ of the recipe. What fraction of a cup of sugar should Clevere use?



$$\frac{1}{2}$$



$$\frac{3}{4} \text{ of } \frac{1}{2}$$



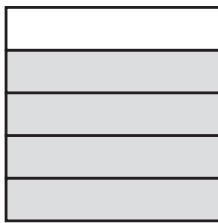
$$\frac{3}{4} \text{ of } \frac{1}{2} = \boxed{}$$

Fill in the blank: Clevere should use _____ of a cup of sugar.

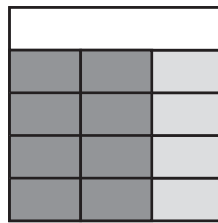
We write $\frac{3}{4}$ of $\frac{1}{2}$ as $\frac{3}{4} \times \frac{1}{2}$. Fill in the blank:

$$\frac{3}{4} \times \frac{1}{2} = \underline{\hspace{2cm}}$$

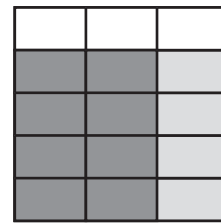
2. Of the cars at a car dealership, $\frac{4}{5}$ have four doors. $\frac{2}{3}$ of the cars that have four doors have front wheel drive. What fraction of the cars at the car dealership are four-door cars with front wheel drive?



$$\frac{4}{5}$$



$$\frac{2}{3} \text{ of } \frac{4}{5}$$

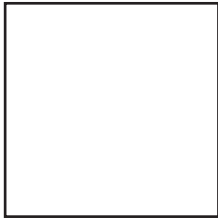


$$\frac{2}{3} \text{ of } \frac{4}{5} = \boxed{}$$

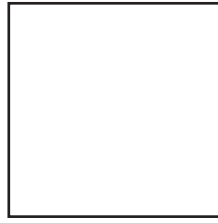
Fill in the blanks: The four-door cars with front wheel drive are _____ of the cars at the car dealership.

$$\frac{2}{3} \times \frac{4}{5} = \underline{\hspace{2cm}}$$

3. A zoo has a reptile area. $\frac{1}{3}$ of the reptiles at the zoo are snakes. $\frac{1}{4}$ of the snakes at the zoo are poisonous. What fraction of the reptiles at the zoo are poisonous snakes?



shade $\frac{1}{3}$



shade $\frac{1}{4}$ of $\frac{1}{3}$ darker

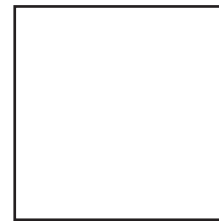
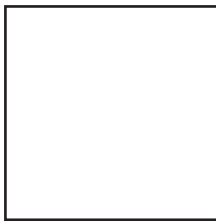


$\frac{1}{4}$ of $\frac{1}{3} =$

Fill in the blanks: The poisonous snakes are _____ of the reptiles at the zoo.

$$\frac{1}{4} \times \frac{1}{3} = \underline{\hspace{2cm}}$$

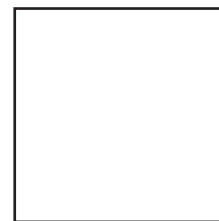
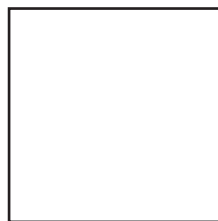
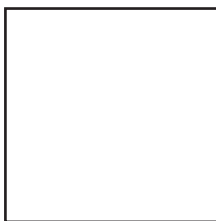
4. A flower garden takes up $\frac{1}{3}$ of a piece of land. $\frac{2}{5}$ of the flower garden is used for growing daisies. What fraction of the land is used for growing daisies?



Fill in the blanks: The flower garden is _____ of the land.

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

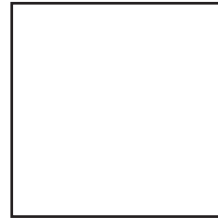
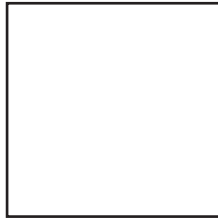
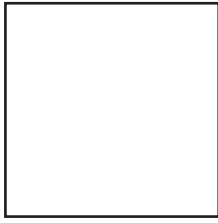
5. A vegetable garden takes up $\frac{2}{3}$ of a piece of land. Corn takes up $\frac{4}{5}$ of the vegetable garden. What fraction of the land does the corn take up?



Fill in the blanks: The corn takes up _____ of the land.

$$\underline{\hspace{2cm}} \times \underline{\hspace{2cm}} = \underline{\hspace{2cm}}$$

6. A recipe calls for $\frac{3}{4}$ of a cup of rice. Elena wants to make $\frac{3}{4}$ of the recipe. What fraction of a cup of rice should Elena use?



Fill in the blanks: Elena should use _____ of a cup of rice.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$