

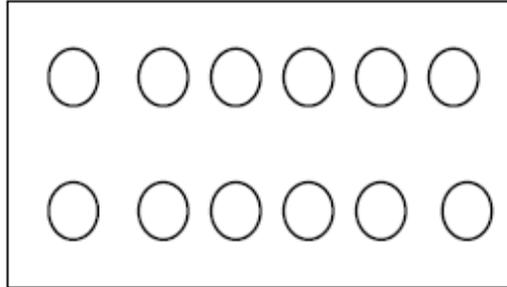
Eggsactly Eggs

ANSWER KEY

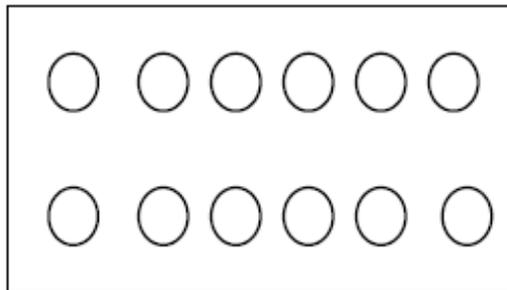
Listen to your teacher's instructions as you complete the activities which follow.

1. A recipe calls for six eggs. Remove six eggs from the set your teacher gave you. Shade the remaining eggs in the picture of the egg carton below.

Students should shade any 6 eggs.



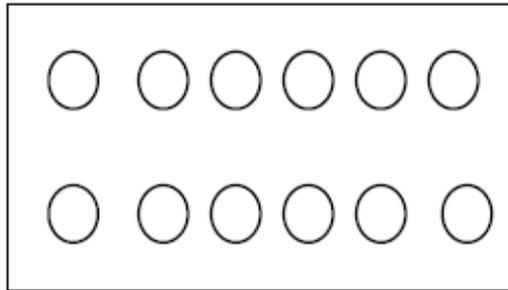
- a. What fraction of the entire set is 6?
 $6/12$
 - b. What fraction of the set was removed?
 $6/12$
 - c. What other fraction names refer to your drawing above?
 $1/2$, $3/6$, and so on
2. Start with a complete set of eggs. A recipe calls for eight eggs. Remove eight eggs from your set. Shade the remaining eggs in the picture of the egg carton below.



Students should shade any 4 eggs.

- a. What fraction of the entire set is 4?
 $4/12$
- b. What fraction of the set was removed?
 $8/12$
- c. What other fraction names refer to your drawing above?
 $1/3$, $2/6$, and so on

3. Start with a complete set of eggs. A recipe calls for $\frac{1}{4}$ of a dozen eggs. Shade the number of eggs needed in the picture of an egg carton below.



Students should shade any 3 eggs.

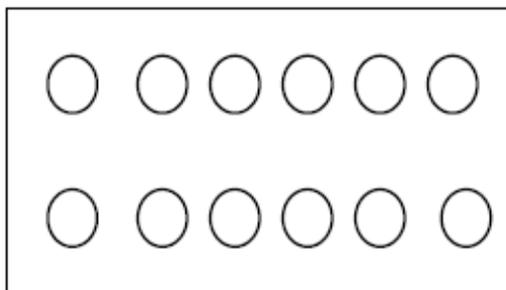
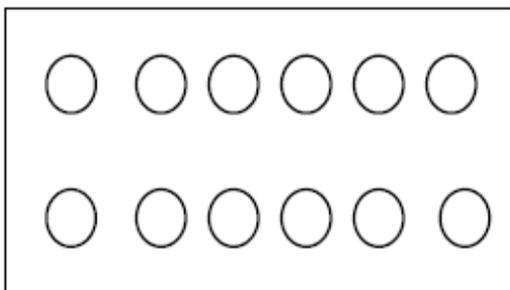
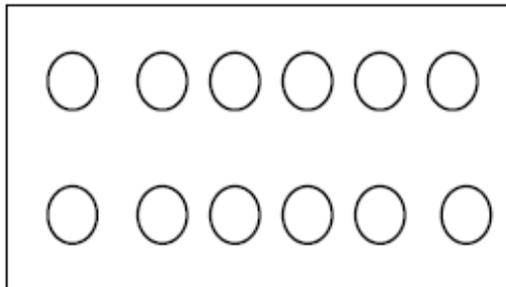
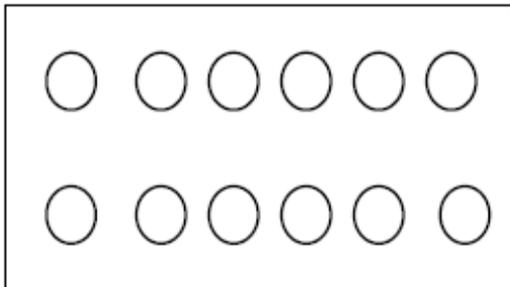
- a. How did you decide how to shade $\frac{1}{4}$ of a dozen?

Student responses may vary, but students should identify $\frac{1}{4}$ of a dozen is 3.

- b. What other fractions equal $\frac{1}{4}$?

$\frac{3}{12}$ (Some students may extend their thinking to include fractions such as $\frac{6}{24}$, and so on.)

4. Use the pictures below to shade all of the different ways to make _____ of a dozen. (Your teacher will tell you which fraction to shade.) Use each picture to show a fraction.



Shadings will depend upon the problems posed by the teacher.