

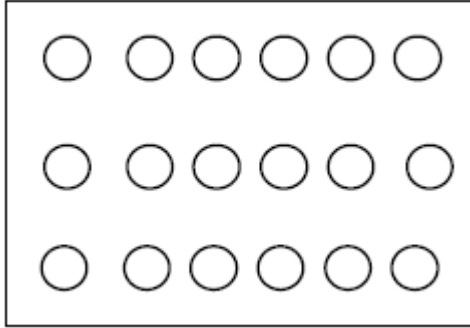
18 Eggs in a Carton

ANSWER KEY

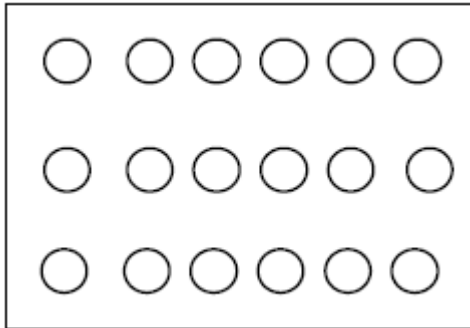
Listen to your teacher's instructions as you complete the activities which follow.

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

Students should shade any 9 eggs.



- a. What fraction of the entire set is 9?
 $9/18$
 - b. What fraction of the set was removed?
 $9/18$
 - c. What other fraction names refer to your drawing above?
 $1/2$ (or other equivalent fractions)
2. Start with a complete set of eggs. A recipe calls for twelve eggs. Remove six eggs from your set. Shade the remaining eggs in the picture of the egg carton below.
Students should shade any 12 eggs.



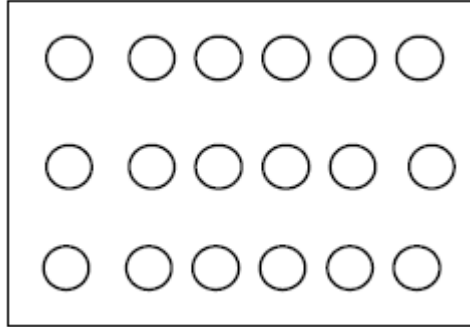
- a. What fraction of the entire set is 12?
 $12/18$
- b. What fraction of the set was removed?
 $6/18$ (or $1/3$ or $2/6$)

c. What other fraction names refer to your drawing above?

$\frac{2}{3}$ or $\frac{4}{6}$

3. Start with a complete set of eggs. A recipe calls for $\frac{1}{3}$ of a carton of 18 eggs. Shade the number of eggs needed in the picture of an egg carton below.

Students should shade any 6 eggs.



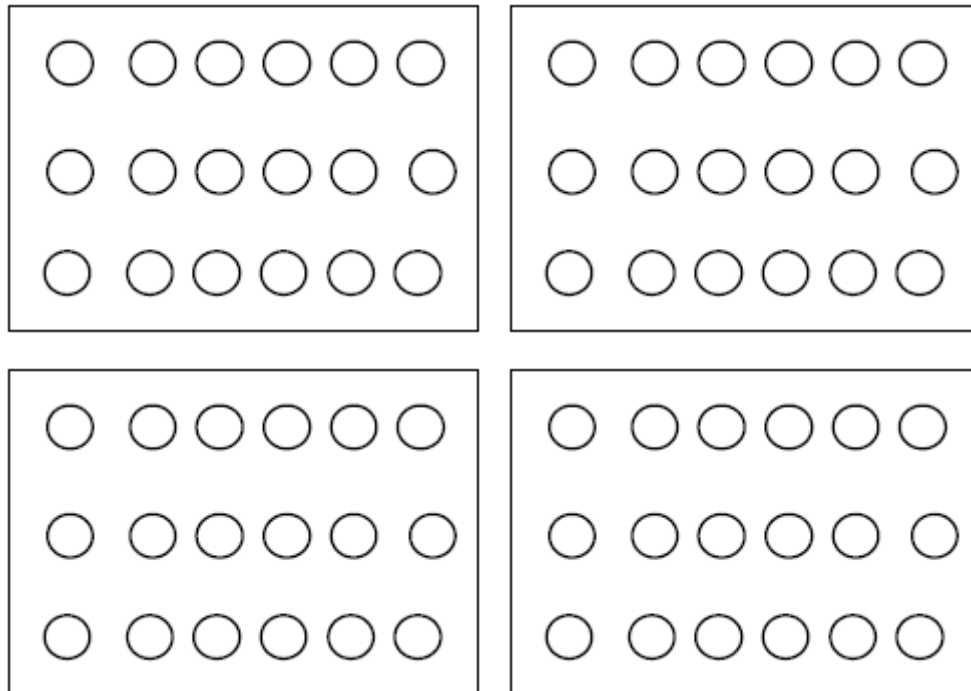
a. How did you decide how to shade $\frac{1}{3}$ of a carton?

Student responses may vary, but they should indicate that $\frac{1}{3}$ of 18 is 6.

b. What other fractions equal $\frac{1}{3}$?

$\frac{6}{18}$, $\frac{2}{6}$, $\frac{3}{9}$, $\frac{4}{12}$, $\frac{5}{15}$, and so on (Note that some of these may not be identified in the current scenario.)

4. Use the pictures below to shade all of the different ways to make _____ of a carton of 18 eggs. (Your teacher will tell you which fraction to shade.) Use each picture to show a fraction.



Shadings will depend upon the instructions provided by the teacher.