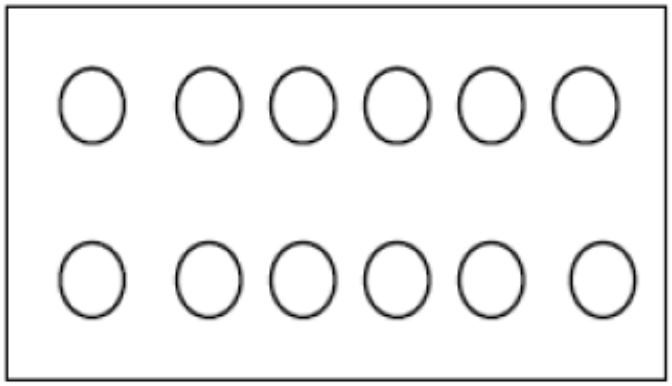
Name _____ Date _____

A DOZEN EGGS FRACTIONS

1) Take an egg carton to use with your partner.

2) Draw the colors of your eggs in the egg carton diagram below.



3) What fraction of your eggs are pink? _____

4) What fraction of your eggs are blue? _____

5) What fraction of your eggs are yellow? _____

6) What fraction of your eggs are green? _____

7) What fraction of your eggs are purple? _____

8) What fraction of your eggs are orange? _____

Open up your eggs now. Keep track of how many eggs have a sticker inside.

9) What fraction of your eggs have a sticker? Write at least two different names for that fraction.

_____

10) What fraction of eggs do not have stickers? _____

11) Which fraction is greater? (Sticker eggs or No-sticker eggs?) _____

Close up the eggs again.

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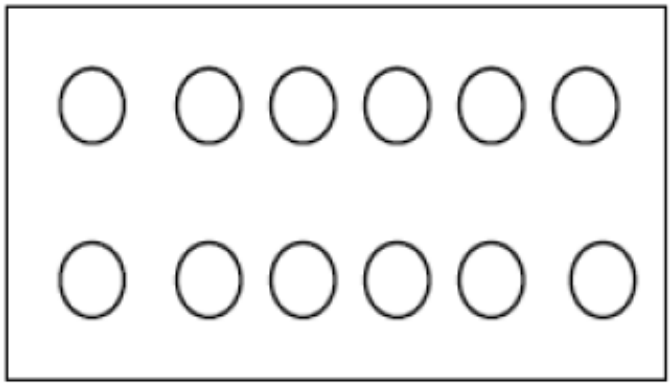
12) Start with a complete set of eggs in the carton. A recipe calls for eight eggs. Remove eight eggs from your set. Shade the remaining eggs in the picture of the egg carton below.

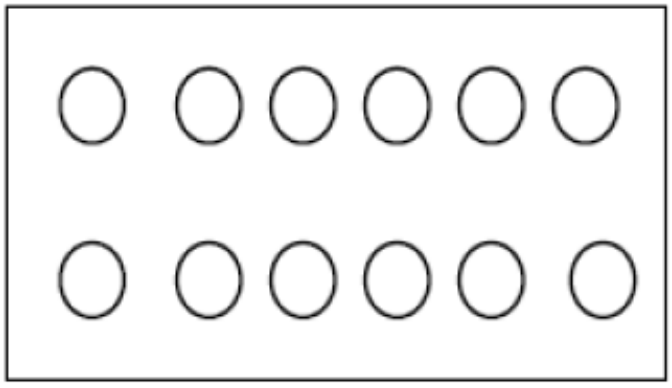


a. What fraction of the entire set remains? _____

b. What fraction of the set was removed? _____

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

13) Start with a complete set of eggs again. 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.



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

_____

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

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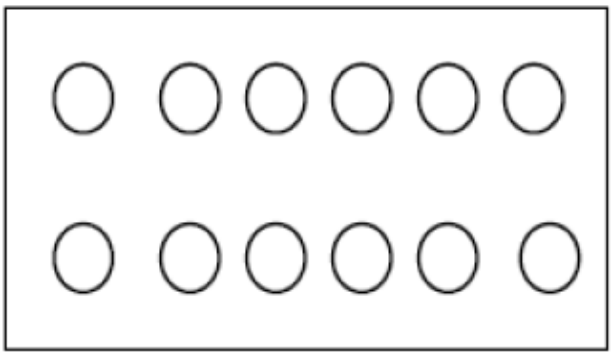
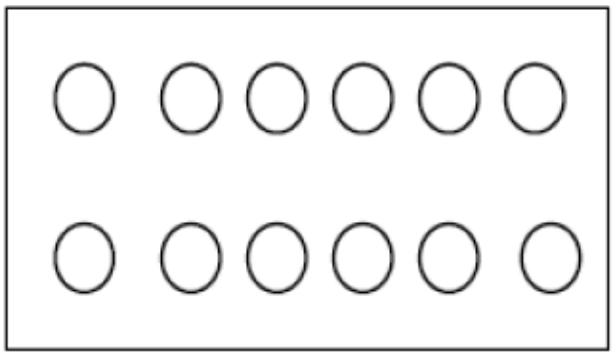
a) Shade 2/3 of the eggs pink:

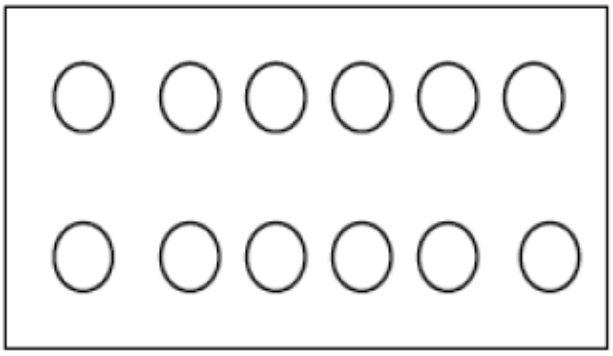


b) Shade 1/4 orange and 1/2 blue:

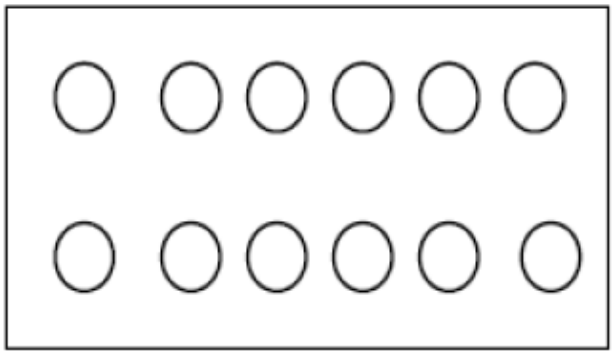


Which has more eggs shaded?

a) Shade 7/12 of the eggs green:

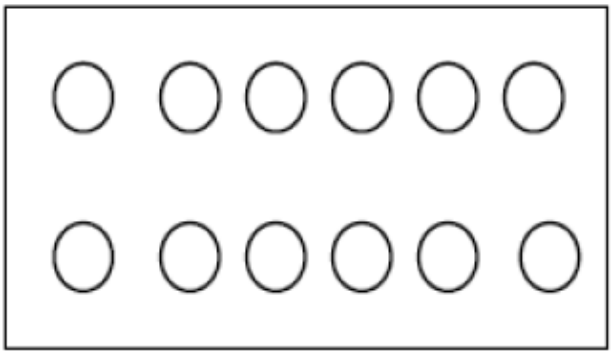


b) Shade 1/2 purple:

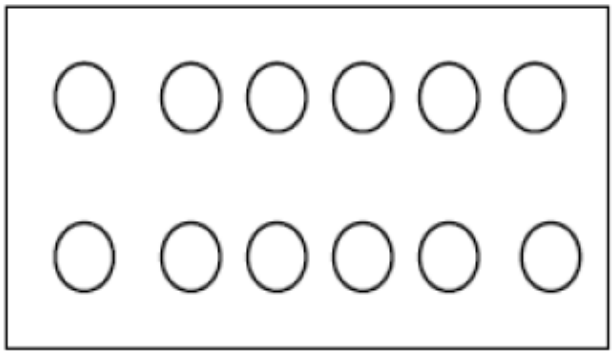


Which has more eggs shaded?

a) Shade 5/6 of the eggs red:



b) Shade 3/6 yellow and 1/2 blue:



Which has more eggs shaded?