Name: _____ Date: _____

1. In a candy box there are 9 chocolates, 4 gummy bears, and 3 lollipops. Complete the sentences below.

   a. The ratio of chocolates to gummy bears is ___ to ___.

   b. For every 4 gummy bears, there are ___ lollipops.

   c. The ratio of gummy bears to chocolates is ___:___.

   d. There are ___ lollipops for every ___ gummy bears.

   e. For every 1 lollipop, there are ___ chocolates.

2. Write two different ratio statements that describe the number of windows and doors in the building shown below.



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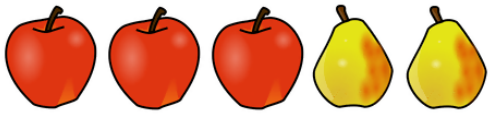
3. Write 3 different ratios about the image shown.



4. Kyle wrote the ratio below to describe the fruit in the picture:

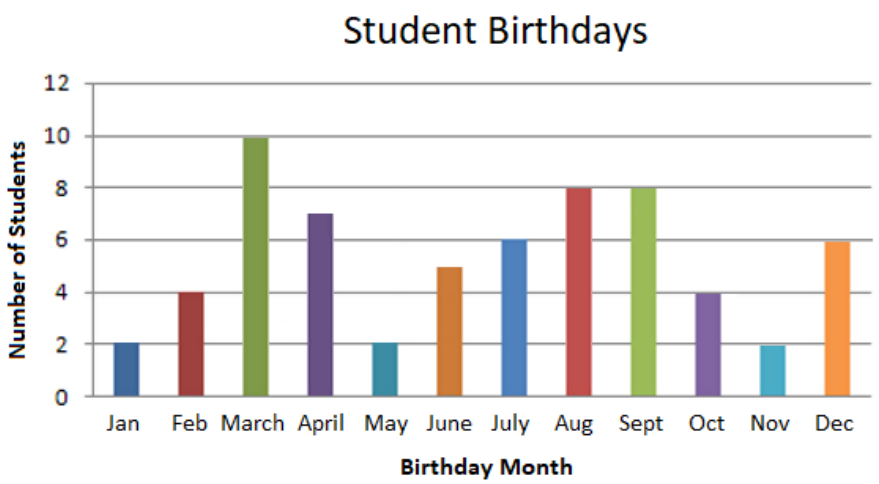
   *The ratio of apples to pears is 2:3.*

   Is Kyle's ratio correct? Explain your answer.



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5. The bar graph below shows the number of students who have a birthday in each month.




Describe a ratio relationship, in context of the data, for which the ratio is 2:7.

6. In a 200 page book, Alicia read 50 pages.

   a. What is the ratio of the number of pages Alicia read to the number of pages in the book?

   b. What is the ratio of the number of pages Alicia read to the number of pages she has not read?


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7. In an aquarium tank, there are 15 yellow fish, 8 blue fish, and 5 snails.

   a. What is the ratio of the number of yellow fish to the number of snails? Write your answer in two different ways.

   b. What is the ratio of the number of fish to the number of snails?

8. For each ratio below, write a situation that could be represented by the ratio.

   For example, for the ratio 4:3, you could write: *Last week there were 4 sunny days and 3 rainy days. The ratio of sunny days to rainy days is 4:3.*

   a. 2 to 1

   b. 25 to 100

   c. 8:10


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