

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.



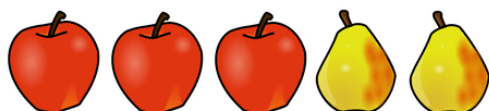
3. Write 3 different ratios about the image shown.



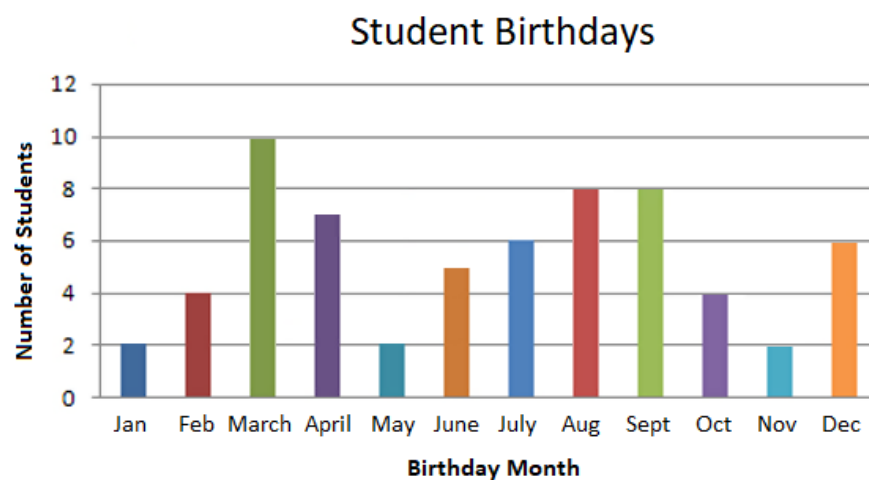
4. Kyle wrote the ratio below to describe the fruit in the picture:

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

Is Kyle's ratio correct? Explain your answer.



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.
- What is the ratio of the number of pages Alicia read to the number of pages in the book?
  - What is the ratio of the number of pages Alicia read to the number of pages she has not read?
7. In an aquarium tank, there are 15 yellow fish, 8 blue fish, and 5 snails.
- What is the ratio of the number of yellow fish to the number of snails? Write your answer in two different ways.
  - 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.*
- 2 to 1
  - 25 to 100
  - 8:10