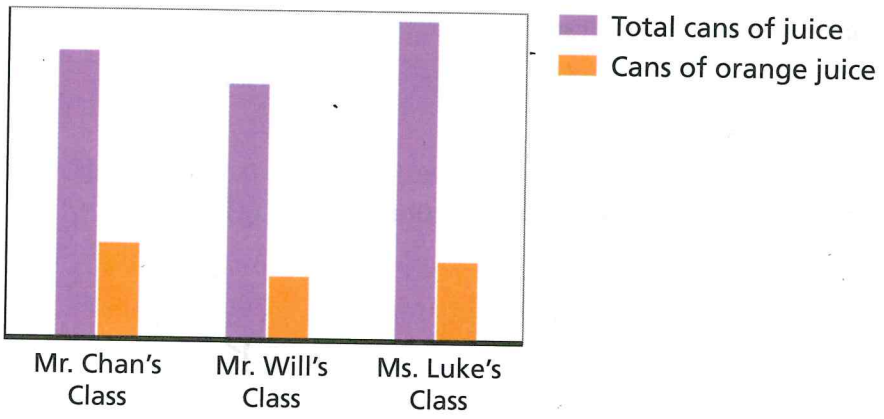
For Exercises 41–43, use the bar graph below, which shows the number of cans of juice three sixth-grade classes drank.

Sixth-Grade Juice Consumption



41. In each class, what fraction of the cans were orange juice?

42. In which class would you say orange juice was most popular?

43. **a.** Students in Mr. Chan's class drank a total of ten cans of orange juice. About how many cans of orange juice did the students in each of the other two classes drink?

b. About how many total cans of juice did each of the three classes drink?

44. **a.** Miguel says that you can easily separate numbers divisible by 2 into two equal parts. Do you agree? Why or why not?

b. Manny says that if Miguel is correct, then you can easily separate numbers divisible by 3 into three equal parts. Do you agree? Why or why not?

c. Lupe says that if any number is divisible by n, you can easily separate it into n equal parts. Do you agree with her? Explain.

45. **a.** If you had a fraction strip folded into twelfths, what fractional lengths could you measure with the strip?

b. How is your answer in part (a) related to the factors of 12?

46. **a.** If you had a fraction strip folded into tenths, what fractional lengths could you measure with the strip?

b. How is your answer in part (a) related to the factors of 10?