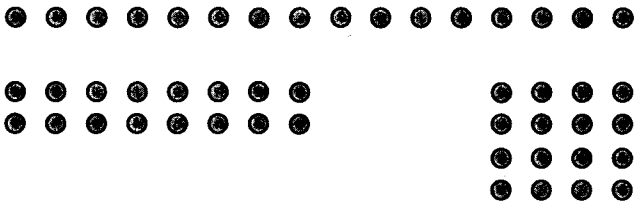
Practice

Lesson 1

1. How do these arrays show the factors of 16?



2. Which number from 10 to 20 has an odd number of factors? Explain how you identified the factors.

3. Maddy listed these factors of 48: 1, 2, 4, 5, 8, 16, and 48.
   a) Which number listed is not a factor of 48?
   b) Which factors are missing?

Lesson 2

4. List the first five multiples of each number.
   a) 7 b) 6 c) 9 d) 40

5. Every five years, Statistics Canada conducts a census to collect data about Canadians. A census was conducted in 2006. Will a census be conducted in 2036? Explain your thinking.

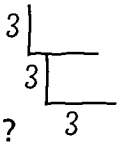
Lesson 3

6. a) Write two prime numbers. How do you know that these are prime numbers?
   b) Write two composite numbers. How do you know that these are composite numbers?

7. Is there any multiple of 6 that is a prime number? Explain your thinking.

Lesson 4

8. Jennifer divided a number by the prime number 3. Then she divided her result by 3. Her final answer is 3. What numbers did she divide by 3?



Lesson 6

9. A number between 40 and 80 is a multiple of 7. Another factor of the number is 9. What is the number?