

# Proficient

1. Write all the factors of 30.
2. Write all the factors of 36.
3. Write all the factors of 45.
4. List the common factors of 18 and 24.
5. List the common factors of 20 and 30.
6. Find the highest common factor of 18 and 24.
7. Find the highest common factor of 20 and 30.
8. Find the highest common factor of 27 and 36.
9. Is 29 prime or composite?

**10.** Is 39 prime or composite?

**11.** Which is greater: the highest common factor of 18 and 24, or the highest common factor of 14 and 21?

**12.** Fill in the blank: the highest common factor of 16 and 24 is  $\square$ .

**13.** Fill in the blank: a common factor of 24 and 36 is  $\square$ .

**14.** Is 9 a factor of 45?

**15.** Is 7 a factor of 54?

**16.** A baker arranges 18 muffins and 24 cookies into equal groups with no leftovers. What is the greatest number of groups possible?