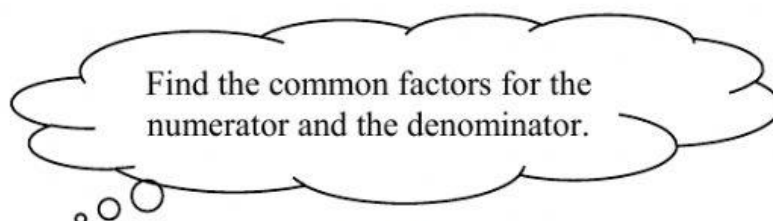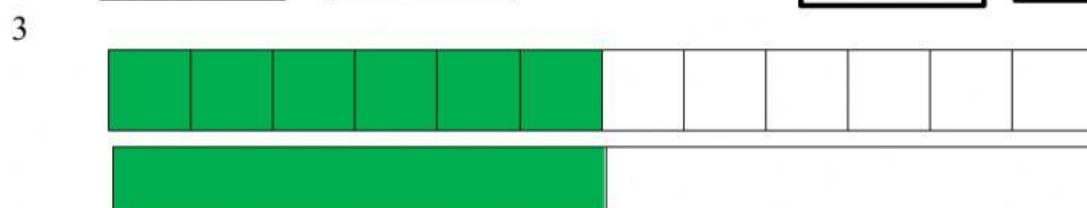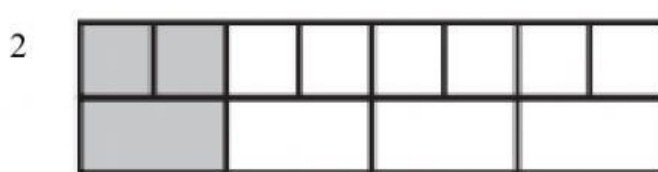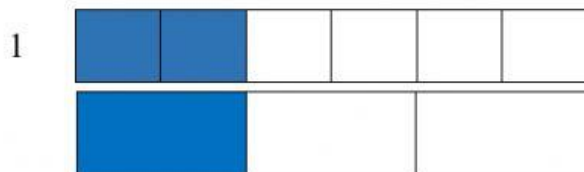# Simplifying Fractions

Instructions: To simplify fractions using the fraction bar, look at the first bar and count the number of parts. This will be the **denominator.** Count the shaded parts. This is the **numerator.** Then, count the parts on the second bar. This is the **denominator.** Count the shared parts of the second bar. This is the **numerator.** You have simplify the fraction.

1

2

3

Find the common factors for the numerator and the denominator.

1. $\dfrac{1}{10}$ = _____

2. $\dfrac{4}{6}$ = _____

3. $\dfrac{12}{16}$ = _____

4. $\dfrac{20}{32}$ = _____

5. $\dfrac{12}{15}$ = _____

6. $\dfrac{8}{12}$ = _____

7. $\dfrac{4}{8}$ = _____

8. $\dfrac{14}{16}$ = _____

9. $\dfrac{15}{20}$ = _____

10. $\dfrac{3}{9}$ = _____

11. $\dfrac{5}{10}$ = _____

12. $\dfrac{8}{24}$ = _____