

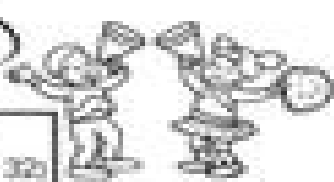
Name: _____

Date: _____

Finding the **greatest common factor** for both numbers can be easy!

Simplify these fractions!

1. List all the factors that equal the numerator! (1, 2, 4, **8**)
2. List all the factors that equal the denominator! (1, 2, 4, **8**, 32)
Now, circle the greatest common factor!



Write down the common factors for the numerators and denominators below.
Circle the **greatest common factor** for each fraction.

A. $\frac{6}{18}$ $\frac{6}{24}$ $\frac{9}{36}$

B. $\frac{9}{81}$ $\frac{8}{48}$ $\frac{15}{30}$

Example: $\frac{3}{3} = \frac{3}{3} = \frac{1}{1}$ 1st - Find the **greatest common factor** of the numerator and denominator.
2nd - Divide both the numerator and denominator by that number.
Congratulations! You've just simplified that fraction!

Simplify the fractions.

C. $\frac{4}{12}$ _____ $\frac{3}{15}$ _____ $\frac{7}{28}$ _____ $\frac{4}{16}$ _____ $\frac{5}{25}$ _____

D. $\frac{15}{30}$ _____ $\frac{18}{24}$ _____ $\frac{6}{30}$ _____ $\frac{7}{35}$ _____ $\frac{9}{36}$ _____

E. $\frac{3}{18}$ _____ $\frac{9}{27}$ _____ $\frac{6}{18}$ _____ $\frac{12}{30}$ _____ $\frac{8}{16}$ _____

F. $\frac{5}{25}$ _____ $\frac{8}{16}$ _____ $\frac{7}{21}$ _____ $\frac{10}{30}$ _____ $\frac{11}{33}$ _____

