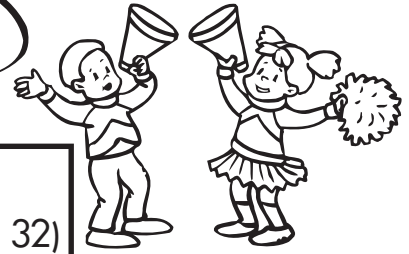


Name: _____

Date: _____

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

Simplify those fractions!



$\frac{8}{32}$ List all the factors that equal the numerator! (1, 2, 4, **8**)
 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. $\frac{9}{81}$

$\frac{8}{48}$

$\frac{12}{36}$

Example: $\frac{3}{6} \div \frac{3}{3} = \frac{1}{2}$ 1st – Find the **greatest common factor** of the numerator and denominator.
 $\frac{6}{6} \div \frac{3}{3} = \frac{2}{2}$ 2nd – Divide both the numerator and denominator by that number.

Congratulations! You've just simplified that fraction!

Simplify the fractions.

C. $\frac{4}{12} = \frac{\quad}{\quad}$

$\frac{5}{25} = \frac{\quad}{\quad}$

$\frac{7}{28} = \frac{\quad}{\quad}$

$\frac{6}{48} = \frac{\quad}{\quad}$

$\frac{8}{72} = \frac{\quad}{\quad}$

D. $\frac{12}{24} = \frac{\quad}{\quad}$

$\frac{14}{21} = \frac{\quad}{\quad}$

$\frac{4}{32} = \frac{\quad}{\quad}$

$\frac{7}{63} = \frac{\quad}{\quad}$

$\frac{9}{36} = \frac{\quad}{\quad}$

E. $\frac{3}{18} = \frac{\quad}{\quad}$

$\frac{9}{27} = \frac{\quad}{\quad}$

$\frac{6}{12} = \frac{\quad}{\quad}$

$\frac{12}{48} = \frac{\quad}{\quad}$

$\frac{9}{12} = \frac{\quad}{\quad}$

F. $\frac{5}{20} = \frac{\quad}{\quad}$

$\frac{8}{16} = \frac{\quad}{\quad}$

$\frac{7}{21} = \frac{\quad}{\quad}$

$\frac{16}{48} = \frac{\quad}{\quad}$

$\frac{12}{18} = \frac{\quad}{\quad}$