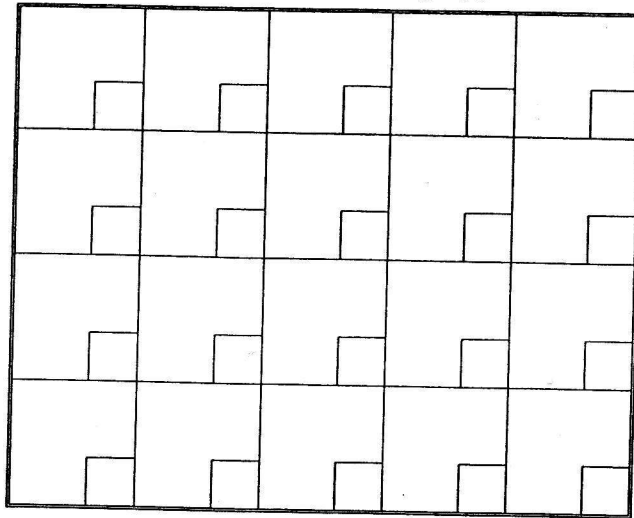


# FRACTIONO !!



The following fractions represent the *answers* to the questions below. Randomly place them in the **large portion** of each box above. (*FS means free space*)

$\frac{11}{4}$     $\frac{3}{4}$     $\frac{16}{9}$     $\frac{24}{35}$    4    $\frac{5}{18}$    1    $\frac{27}{7}$     $\frac{13}{6}$     $\frac{9}{4}$     $\frac{9}{16}$    21    $\frac{2}{15}$    FS    $\frac{11}{40}$     $\frac{11}{9}$

Now, do the questions (on a *separate* piece of paper with *full solutions*), and in the **bottom corner** of each box, place the question letter from the work that has that answer.

## GRADE 9 – Order of Operations With Fractions

1. Simplify the following using the order of operations:

a)  $\frac{4}{5} - \frac{3}{8} \div \frac{9}{16}$

b)  $\frac{2}{3} \times \frac{3}{5} - \frac{1}{8}$

c)  $\frac{2}{3} \div \frac{1}{2} - \frac{1}{4} \times \frac{1}{3} \div \frac{3}{4}$

d)  $\frac{2}{3} \times \frac{1}{2} \div \frac{1}{4} - \frac{1}{3}$

e)  $2\frac{1}{4} \div 3\frac{1}{2} \times 6$

f)  $\left(\frac{3}{8} + \frac{1}{6}\right) \div \left(\frac{1}{2} - \frac{1}{4}\right)$

g)  $3\frac{3}{4} \times \frac{7}{12} \div 1\frac{3}{4} + 1\frac{1}{2}$

h)  $\frac{\frac{3}{8} + \frac{3}{4}}{\frac{2}{3} + \frac{5}{6}}$

i)  $\frac{2 - \frac{2}{3}}{\frac{3}{8} \div \frac{1}{2}}$

j)  $\frac{1\frac{3}{4} \times 1\frac{3}{5}}{1\frac{3}{4} + 2\frac{1}{3}}$

k)  $\frac{\frac{1}{2} \times \frac{1}{3} + \frac{1}{4}}{\frac{1}{2} - \frac{1}{3} + \frac{1}{4}} + \frac{\frac{1}{2} \div \frac{1}{3} + \frac{1}{4}}{\frac{1}{2} + \frac{1}{3} - \frac{1}{4}}$

l)  $\left(\frac{3}{4}\right)^2$

m)  $\frac{12}{\frac{4}{7}}$

n)  $\left(\frac{2}{3}\right)^2 - \left(\frac{1}{2}\right)^3 \div \frac{3}{4}$

o)  $2\frac{2}{3} - 3\frac{1}{2} \div 2\frac{1}{10} + 1\frac{1}{4}$