I. Do the following calculations by the geometric method.

A) \( \frac{2}{3} + \frac{3}{4} \)

B) \( \frac{2}{3} - \frac{1}{2} \)

C) \( \frac{3}{4} \times \frac{2}{3} \)

II. Do the following calculations by the arithmetic method.

a) \( \frac{3}{5} - \frac{1}{4} = \)  
b) \( \frac{2}{7} \times \frac{3}{5} = \)

c) \( \frac{3}{10} \div \frac{6}{100} = \)  
d) \( \frac{2}{5} \div \frac{7}{3} = \)

III. Do the following decimal calculations by converting into fractions.
a) \( .3 + .04 = \)
b) \(1.06 \div .2 = \)

c) \(5.37 - 2.4 = \)

d) \(.6 \times .4 = \)

IV. Do the following calculations using the rules for decimals.

A) \(7.3 - 1.02 = \)

B) \(7.2 \div .6 = \)

C) \(2.4 \div .03 = \)

D) \(1.6 \times .04 = \)
V. Powers of 10.

A) Rewrite .001 as a power of 10.

B) Calculate $10^7 \div 10^3$.

C) Calculate $.001 \div 1000$ by converting to powers of 10.

D) Calculate $10^{-3} \times 10^5$.

IV. Scientific notation.

A) Which is larger, $13 \times 10^7$ or $1.2 \times 10^8$?