

Pencils and Erasers Only – No Calculators Needed.

Directions: For each of the following fractional expressions, write down the

Least Common Denominator

of the fractions in the expression.

1 Use the above directions:

(a) $\frac{2}{3} - \frac{2}{5}$ LCD: _____

(b) $\frac{8}{9} - \frac{5}{6}$ LCD: _____

(c) $\frac{1}{2} + \frac{7}{8} - \frac{5}{12}$ LCD: _____

2 Use the above directions:

(a) $\frac{1}{ab} - \frac{c}{ab^2} + \frac{a+c}{b}$ LCD: _____

(b) $\frac{x}{(x-2)^2} + \frac{3}{x^2-4} - \frac{7}{x+2}$ LCD: _____