FRACTIONS REVIEW

PART 1

Equivalent Fractions . made by multiplying or dividing the numerator and denominator by the same number

ie 4/6 = 4+2 = 2/3 -> this fraction is in lowest

Reduce the following fractions into LOWEST TERMS

$$\frac{50}{90} =$$

$$\frac{16}{20} =$$

$$\frac{7}{42} =$$

$$\frac{8}{32} =$$

$$\frac{27}{54} =$$

$$\frac{70}{84} =$$

$$\frac{5}{10} =$$

$$\frac{48}{56} =$$

$$\frac{16}{32} =$$

$$\frac{35}{84} =$$

$$\frac{14}{49} =$$

$$\frac{10}{15} =$$

PART 2

Mixed ~ Improper

ex.
$$\frac{7}{4} = \frac{1^{3}}{7}$$

denominator $\frac{4}{3}$ numerator

ex.
$$3^{4/5}$$
 + $\frac{3 \times 5 + 4}{5}$

* note: denominators NEVER Change *

Convert the following improper fractions to mixed numbers

$$\frac{12}{5} =$$

$$\frac{37}{11} =$$

$$\frac{18}{7} =$$

$$\frac{27}{4} =$$

$$\frac{34}{9} =$$

$$\frac{46}{7} =$$

Convert the following mixed numbers to improper fractions

$$4\frac{1}{2} =$$

$$6\frac{7}{12}$$
 =

$$4\frac{1}{6} =$$

$$4\frac{5}{6} =$$

$$9\frac{1}{3} =$$

PART 3

Adding Fractions

Subtracting Fractions

* Same as addition, but you subtract *

- mixed Number subtraction

Solve the following:

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

2)
$$1 + \frac{9}{5}$$

3)
$$\frac{13}{7} + \frac{3}{2}$$

4)
$$\frac{5}{8} - \frac{1}{7}$$

5)
$$1 + \frac{3}{7}$$

6)
$$\frac{1}{7} + \frac{3}{2}$$

7)
$$\frac{4}{5} + \frac{9}{7}$$

8)
$$\frac{5}{4} + \frac{1}{2}$$

9)
$$\frac{7}{4} + \frac{5}{8}$$

10)
$$7 - \frac{1}{4}$$