

Show all your work on the following problems. Do not use a calculator. When you divide, write your remainders as a fraction.

1.  $647 + 898 =$

2.  $900 - 246 =$

3.  $91 * 763 =$

4.  $239 \div 9 =$

Find the equivalent fractions.

5.  $\frac{\square}{9} = \frac{50}{90}$

6.  $\frac{7}{\square} = \frac{63}{81}$

7. In a. and b. find the **Greatest Common Factor**.

In c. and d. find the **Least Common Multiple**.

a. 5 and 8

b. 10 and 20

c. 20 and 30

d. 35 and 70

Estimate. Show what you rounded to.

8.  $9 \frac{12}{13} + 3 \frac{5}{11} =$

9.  $8 \frac{21}{20} + 2 \frac{1}{13} + \frac{16}{30} =$

10.  $10 \frac{9}{19} + 8 \frac{3}{29} - \frac{9}{16} =$

.....  
**Find the EXACT answer. Add, subtract, multiply and divide. Show all your work! Simplify your answers! Do not use a calculator.**

11.  $9 \frac{3}{8} - 3 \frac{3}{4} =$

12.  $8 \frac{6}{7} + 1 \frac{2}{3} =$

13.  $9 \frac{2}{11} - 6 \frac{1}{2} =$

14.  $12 - 7 \frac{5}{16} =$

15.  $\frac{24}{25} \times \frac{20}{30} =$

16.  $\frac{3}{36} \times 32 =$

17.  $4 \frac{2}{7} \div 1 \frac{1}{14} =$

18.  $2 \frac{2}{11} \div \frac{12}{11} =$