

1. In a. and b. find the **Greatest Common Factor**. In c. and d. find the **Least Common Multiple**

- a. 40 and 50      b. 28 and 44      c. 2 and 7      d. 6 and 9

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

2.  $1\frac{6}{9} + 5\frac{1}{2} =$       3.  $27 \div \frac{9}{10} =$       4.  $6\frac{7}{12} - 4\frac{3}{4} =$       5.  $1\frac{1}{14} \times 2\frac{1}{10} =$

6.  $8.9 \times 18 =$       7.  $3.369 \div .3 =$       8.  $219.8 + 24.57 =$       9.  $65 - 1.62 =$

**On problems 10 - 13 you may use a calculator but you must show your thinking!**

10.  $6\frac{1}{4} - \boxed{\phantom{000}} = 5\frac{7}{16}$

11.  $\boxed{\phantom{000}} \times 32.6 = 232.764$

12. At the mall, five-eighths of the people had gift cards. If there were 1,232 shoppers at the mall, how many had gift cards? **Show all your thinking!**  
**Simplify your answers!**

13. Coach has  $6\frac{1}{2}$  gallons of Gatorade for 10 players. How much does each player get if they all receive the same amount? **Show all your thinking!**  
**Simplify your answers!**

14. Use a calculator to complete the following tables.

Prob	RATIO	FRACTION	DECIMAL	PERCENT
A				9%
B				63%
C				15.7%
D	12 to 15			

Prob	RATIO	FRACTION	DECIMAL	PERCENT
E	2 to 11			
F		4		
G		$1\frac{1}{8}$		
H		$2\frac{1}{21}$		