

**Answer The Following**

1) Find the multiplicative inverse of following

A)  $\frac{-7}{16}$

B)  $\frac{12}{23}$

C)  $\frac{-4}{3}$

D)  $\frac{-3}{11}$

2) What is the smallest rational number that can be formed using 2 of the numbers below in the form of  $\frac{P}{Q}$  ?

-64, 768, 200, 500, 170, 300

3) Find the 7 rational numbers between  $\frac{3}{5}$  and  $\frac{2}{14}$  .

4) Find the following and simplify it to lowest terms

A)  $\frac{2}{23} \times \frac{-8}{2} \times \frac{-3}{16} \times \frac{-9}{13}$

B)  $\frac{3}{6} \times \frac{8}{16} \times \frac{-9}{15} \times \frac{4}{13}$

5) Is  $\frac{6}{9}$  the multiplicative inverse of  $1\frac{3}{6}$  ? Why or why not ?

**All in the blanks**

6) Add the following rational numbers

A)  $9 \frac{1}{2} + 28 \frac{1}{2}$       B)  $10 \frac{1}{2} + 3 \frac{1}{2}$       C)  $6 \frac{1}{2} + 9 \frac{1}{2}$