

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 if 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) $6 \frac{1}{2} + 9 \frac{1}{2}$