

## RATIONAL NUMBERS AS DECIMALS <VII>

1. Express the following rational number as decimals-

a.  $\frac{615}{125}$       b.  $\frac{59}{200}$       c.  $\frac{47}{400}$       d.  $\frac{3186}{1250}$

2. Without actual division, determine which of the following rational numbers have terminating decimal representation.

a.  $\frac{21}{128}$       b.  $\frac{27}{125}$       c.  $\frac{39}{24}$       d.  $\frac{-17}{90}$

3. Express the following decimals in the form p/q.

a. 3.75      b. 56.875      c. -2.56      d. -0.25

4. Add the following decimals.

a. 12, 5.96 and 3.076  
b. 19, 9.5, 12.06, 17.921

5. Compute the product.

a.  $2.56 * 11.09$   
b.  $12.4 * 15.7 * 13.2$

6. Compute the following divisions.

a.  $0.014 \div 12$   
b.  $0.02472 \div 0.008$

7. Evaluate the following.

a.  $(6.05+5.01) - (12.5-0.09)$   
b.  $182.3 + 12.65 - 0.23 - 10.71$

8. Calculate.

a.  $\frac{1}{2} + \frac{1}{5} + 6.25 \div 0.25$   
b.  $1.44 * (144 \div 12) - 0.225 + 3.276$   
c.  $\frac{2}{5} * \frac{3}{4} + \frac{1}{25} * \frac{1}{2} - \frac{2}{10} * \frac{1}{5}$