

UNIT 5 – DECIMAL NUMBERS

Important: Use the decimal point! Example: 8.36

1.- Complete:

Six millionths =

Thirty-seven hundredths =

Nine tenths =

Eight ones and five thousandths =

2.- Put these numbers in order from least to greatest:

5.11 ; 5.09 ; 5.008 ; 5.1103 ; 5.1 ; 5.0202

3.- Fill in each gap with **just the intermediate decimal number**

4.6 < < 4.9

21.7 < < 21.8

6.726 < < 6.727

4.- Calculate on your notebook and write the result:

a) $4.67 + 9.2 + 11.521 =$

b) $93.01 - 15.574 =$

c) $6.24 - 3.7 + 4.697 =$

5.- Round these numbers:

a) 3.682673 to hundredths =

b) 0.0289 to thousandths =

c) 854.25 to tenths =

6.- Sam buys a pineapple that weighs 1.45 kilograms at the market. He also buys a loaf of bread that weighs eighty-two grams. Finally he buys a fish that weighs 935 grams. What is the total weight of his purchases?

Solution: grams

7.- Solve the following operations:

a) $5.36 \cdot 4.9 =$

b) $0.004 \cdot 1.8 =$

c) $0.9 \cdot 0.8 =$

8.- Divide until you get a remainder of 0. Write the quotient.

a) $16.8 : 2 =$

b) $17.28 : 24 =$

c) $3.6 : 1.5 =$

9.- Lisa has 40.25 € in her piggy bank and can save 2.75 € each week. How long will it take until she has all the money she needs to buy a slippers of 54 €.

Solution: weeks