SHARP

Mathematical Literacy – Grade 10

Worksheet 1 – Numbers Practice

Try to complete this worksheet without the use of a calculator.

1. Write the following numbers in words:
   a) 1 200 300
   b) 1 000 000 000 000
   c) 2 345 678 910
   d) 23 000

2. Write the numbers for the given words:
   a) one trillion and twelve
   b) two billion, three thousand and seventeen
   c) forty-eight million, five hundred and sixty-eight thousand and one
   d) nine hundred and eighty two million

3. Separate these numbers using commas, or spaces, so that they are easier to read:
   a) 232434324
   b) 577554897098
   c) 2676429346
   d) 34865964598659

4. What do the following numbers mean?
   a) -R300 in your bank account
   b) R500 in your bank account
   c) -15°C in Switzerland
   d) 22°C in Cape Town

5. If an over in cricket is 6 balls, how many balls are there in:
   a) 4 overs?
   b) 6 overs?
   c) 10 overs?
   d) 50 overs?

6. If there are 8 mints in a roll of sweets, how many mints are there in:
   a) 3 rolls of sweets?
   b) 5 rolls of sweets?
   c) 15 rolls of sweets?
   d) 50 rolls of sweets?

7. Calculate the following:

a) $5 \times \left(72 \div (8+4)\right) - 3$

b) $(59+1) \div (2 \times 5) - 6$

c) $32 \div 8 + 3 \times 7 - 14$

d) $72 - (8 \times 7 + 3) + 4 \times 12$

e) $3 \times 3 \times (10 - 5 \times 2) + 21 \div 3$

f) $27 \div (3 \times 2 + 3) - 5$

g) $42 \div (7 \times 6) + 100$

h) $\frac{1}{4}\ of\ (15 \div 5 + 13)$

i) $9 + 10 - 7 \times 12 \div 6$

j) $(68 - 4) \div 8 \times 10 + 3$

8. Add the following numbers together:

a) 0.411 + 1.938 + 0.306

b) 1.995 + 2.742 + 0.228

c) 0.612 + 0.294 + 0.219

d) 2.181 + 2.763 + 0.261

9. Redraw the following table in your workbook and fill in the blanks:

Decimal	x 10	x 100	x 1000
2.562			
	13.11		
		89.7	
			960
		69	
	12.345		
2.244			
	0.18		
		108	
			1 197

10. Give the answers for the following:

a) 4^2

b) 12^2

c) $\sqrt{16}$

d) $\sqrt{81}$

e) 2^3

f) 5^3

g) $\sqrt{64}$

h) $\sqrt{1}$

i) 7^2

j) 10^3

k) $\sqrt{36}$

l) 11^2