

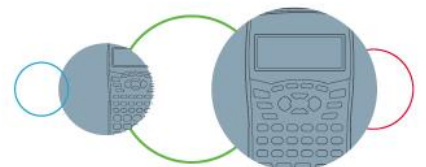
# SHARP

## Mathematical Literacy – Grade 10

### Worksheet 1 – Numbers Practice

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

- Write the following numbers in words:
  - 1 200 300
  - 1 000 000 000 000
  - 2 345 678 910
  - 23 000
- Write the numbers for the given words:
  - one trillion and twelve
  - two billion, three thousand and seventeen
  - forty-eight million, five hundred and sixty-eight thousand and one
  - nine hundred and eighty two million
- Separate these numbers using commas, or spaces, so that they are easier to read:
  - 232434324
  - 577554897098
  - 2676429346
  - 34865964598659
- What do the following numbers mean?
  - R300 in your bank account
  - R500 in your bank account
  - 15°C in Switzerland
  - 22°C in Cape Town
- If an over in cricket is 6 balls, how many balls are there in:
  - 4 overs?
  - 6 overs?
  - 10 overs?
  - 50 overs?
- If there are 8 mints in a roll of sweets, how many mints are there in:
  - 3 rolls of sweets?
  - 5 rolls of sweets?
  - 15 rolls of sweets?
  - 50 rolls of sweets?



7. Calculate the following:

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

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)  $11^2$

