

The Primary Stage of Grades (4-5) First Semester 2022 - 2023

Name: _____

Subject: Mathematics

Date: / /

Worksheet(4)

Class: Grade 5 (C,D,E,F &G)

Objectives:

To understand and apply arithmetic laws for calculation.

<u>P</u> arentheses	
<u>E</u> xponents	
<u>M</u> ultiplication	}
<u>D</u> ivision	
<u>A</u> ddition	}
<u>S</u> ubtraction	
() x^2 \times \div $+$ $-$	

Do whichever comes first left to right

Do whichever comes first left to right

1) Use and apply arithmetic laws to answer the following questions :

a) $(10 - 2) \div 4$

b) $8 + 5 - 3$

c) $(12-9) \times 24 - 6$

d) $144 - 21 \times 2$

e) $10 + 7 - 2 \times 6$

f) $36 \div 6 - 2$

g) $15 \div 3 - (3 + 2)$

h) $(8 + 3) \times (20 \div 2) \div 11$

2) Use brackets in the suitable place to make each number sentence true.

a) $9 \times 2 + 3 = 45$

b) $16 - 7 \times 3 = 27$

c) $10 - 4 \times 5 = 30$

d) $27 - 14 - 8 = 21$

e) $7 + 10 - 5 \div 2 = 6$

f) $12 + 6 \div 7 - 4 = 14$

3) Write whether each statement is true or false .

(Explain why and show your work)

a) $(100+10) + 2 = 100 + (10 + 2)$

b) $(100 \times 10) \times 2 = 100 \times (10 \times 2)$

c) $(100 - 10) - 2 = 100 - (10 - 2)$

d) $(100 \div 10) \div 2 = 100 \div (10 \div 2)$