برعاية معالي وزير التربية والتعليم
السيد الأستاذ/ محمد عبد اللطيف

وتوجيهات رئيس الإدارة المركزية لتطوير المناهج

د/ أكرم حسن

إشراف علمي
مستشار الرياضيات

أ/ منال عزقول

أداءات وتقييمات لمنهج الرياضيات

للصف السادس الابتدائي
للعام الدراسي 2024 / 2025

إعـــداد

أ/ عادل بيومي	أ/ إسلام يسري

مراجــعة

أ/ إسلام يسري	أ/ فردوس محي

ترجــمة

أ/ محمد فاروق

مراجــعة الترجــمة

أ/ محمود سليمان نظيم

7th **Week – Unit 3 – lessons(4 ، 5)**

First Group: **Answer the following questions:**

(1) What is the exponential expression for the number whose base is 5 and whose power is 2 ? What is its numerical value?

(2) Put the following numerical expression in its simplest form:

(5² - 20) + 5

(3) Find the value of the numerical expression: **2² × 5 − 10**

(4) Evaluate the expression**: 2 + 5 (t^2 − 3)** when **$t = 3$**

(5) Omar has **x** pounds, and he took 50 pounds from his father. Write down the algebraic expression that represents this situation, how many pounds does Omar has if you knew that what was with him equals 10 pounds?

Second Group: **Answer the following questions:**

(1) What is the exponential expression for the number whose base is 2 and whose power is 3 ? What is its numerical value?

(2) Put the following numerical expression in its simplest form:

9 (3 + 3) × 5 − 3² ÷

(3) Find the value of the numerical expression: **5 × 2² − [9 − (6 + 3)]**

(4) Evaluate the expression**: 9 + (p^2 − 3) +2** when **$p = 3$**

(5) Youssef wants to buy some meals, if the price of one meal is 100 pounds, and 15 pounds is added to the total price as a cost of a delivery service for any number of meals. Write down the algebraic expression that represents this situation, how many pounds does Youssef pay when buying 3 meals?

Third Group: Answer the following questions:

(1) What is the exponential expression for the number whose base is 1 and whose power is 6 ? What is its numerical value?

(2) Put the following numerical expression in its simplest form:
$5 + 3 × 3^2 - 5$

(3) Find the value of the numerical expression: $5 × 2^2 − [\ 18 − (\ 10 + 8\ )\ ]$

(4) Evaluate the expression: $16 ÷ (\ 10x − 3\ )$ when $x = 0.5$

(5) Hossam wants to buy some shoes, if the price of one shoe is 150 pounds and he has a discount voucher worth 50 pounds from the value of all purchases. Write down the algebraic expression that represents this situation, how many pounds does Hossam pay when buying 3 shoes?