



Evaluation of the first week

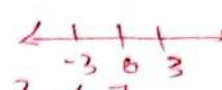
6th grade

①	Write a number divisible by 2 <i>any even no. Ex: 1024, ...</i>
②	Write a number divisible by 5 <i>any no. u = 0 or 5 Ex: 1000, 1005</i>
③	Find the (least common denominator) for $\frac{5}{8}$ and $\frac{3 \times 2}{4 \times 2} = \frac{50}{80}$, $\frac{60}{80}$, $\frac{51}{81}$...
④	Factorize 45 to its prime factors <i>$5 \times 9 = 5 \times 3 \times 3$</i>
⑤	The number which its all prime factors are 2, 2, 5 is <i>$2 \times 2 \times 5 = 20$</i>
⑥	Find the (G.C.F.) for 12 and 18 <i>$12 = 2 \times 2 \times 3$ $= 2 \times 3 \times 3 = 2 \times 3 = 6$</i>
⑦	Write the smallest number divisible by 2, 3 and 5 <i>$2 \times 3 \times 5 = 30$</i>
⑧	Find the (least common denominator) for $\frac{5}{8}$ and $\frac{5}{6}$ <i>$8 = 2 \times 2 \times 2 = 2 \times 2 \times 2 \times 3$ $6 = 2 \times 3$ (24)</i>
⑨	Write a number divisible by 2, 4, 5 and 10 <i>20, 40, ...</i>
⑩	Find the Least common multiple (L. C. M.) for 10, 15 Using Venn diagram <i>(2, 3)</i>
⑪	Find the (G. C. F.) for 4, 9 <i>(1)</i>
⑫	What is the only (G.C.F.) for any two prime numbers <i>(1)</i>
⑬	6 persons volunteered to work at the Food Bank. If the total number of voluntary works hours is 540 hours per year. Did all the persons volunteer with the same number of full hours? <i>$540 \div 6 = 90$ div ✓</i>
⑭	A girl collected 15 grain bags and 6 bottles of oil in order to Make donation boxes for the needy. What is the greatest number of boxes she can make? So that all boxes include the same number of items, Write the expression that represents this situation. <i>$15 + 6 = 3(5 + 2)$</i>
⑮	A family has two cakes, The family ate $\frac{3}{8}$ of the first cake and ate $\frac{1}{4}$ of the second, How much of the cake is left from each kind? <i>$1 - \frac{3}{8} = \frac{8}{8} - \frac{3}{8} = \frac{5}{8}$, $\frac{4}{4} - \frac{1}{4} = \frac{3}{4}$</i>



sixth grade - first semester - second week - (weekly evaluation)

sixth grade - first semester - second week - (weekly evaluation 1)

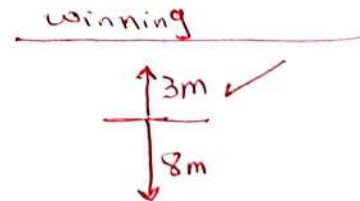
- 1 Write an integer that expresses the freezing of sea water at two degrees below zero ⁻²
- 2 Determine the positions of the numbers (3, 0, -3) on the number line 
- 3 Arrange in ascending order 3, -5, 0, -2, 6 $[-5, -2, 0, 3, 6]$
- 4 What is the integer after -8? -9
- 5 Ahmed bought a shirt, with 15 pounds discount from its price Express the discount value as an integer -15

sixth grade - first semester - second week - (weekly evaluation 2)

- 1 What is integer number that expresses the height of a building 12 meters above the ground? $+12$
- 2 What is the additive inverse of zero? 0
- 3 What is the integer between 1 and -1? 0
- 4 What is the integer before the integer -8? -7
- 5 Khaled deposited 1000 pounds in his savings at the Egyptian Post Office. Express the deposit amount as an integer $+1000$

sixth grade - first semester - second week - (weekly evaluation 3)

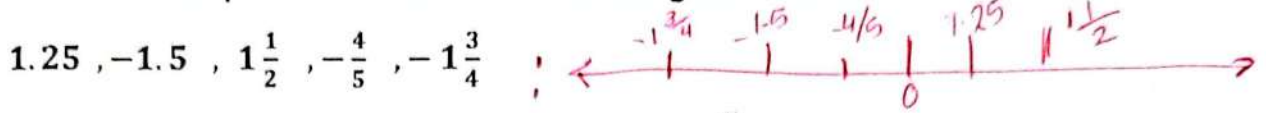
- 1 What is the additive inverse of the integer 5? -5
- 2 Determine the larger integer -2 or -3 -2
- 3 Arrange in descending order 11, -8, 15, -9, -5 $15, 11, -5, -8, -9$
- 4 Write the integers between 2 and -2 $\{1, 0, -1\}$
- 5 Two contestants practice climbing rocks fixed to a wall and there is a platform in the middle. The contestant (A) was at a distance of 8 meters below the platform and the contestant (B) was at a distance of 3 meter above the platform which one is closer to winning the race?



Grade (6) – Week four – Home Performance – First Term – Mathematics

Grade (6) – Week four – Home Performance (1)

1) Determine the position of each of the following numbers on the number line:



2) Write the following rational numbers in the form $\frac{a}{b}$ such that $b \neq 0$

a) $-0.25 = -\frac{25}{100}$ b) $-45 = -\frac{45}{1}$

3) Arrange the following numbers discerningly: -2.75 , 1.75 , $-2\frac{1}{2}$, 2 , $\frac{1}{4}$

4) Write the rational number that lies between 3.750, 3.760 ; 3.751 , 3.752 , ...

5) Write three different integer numbers Ex: $-\frac{1}{2}$, $\frac{1}{2}$, 0 [others]

Grade (6) – Week four – Home Performance (2)

1) Which is greater: -2.3 or $\frac{1}{9}$

$-2 > -2.5 > -3$

2) What are the two integer numbers in which the rational number -2.5 lies between them.

3) Write a number which is not belong to the set of natural numbers [Ex: -1 (-ve)]

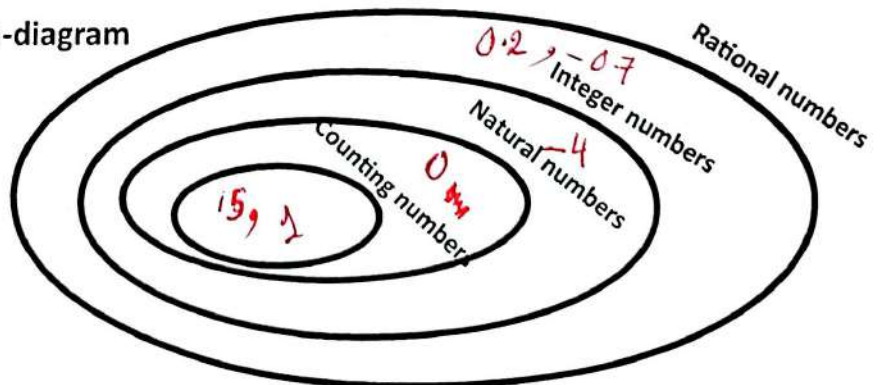
4) All natural numbers are ~~.....~~ numbers [Integers or rational]

5) Write the greatest negative integer number -1

Grade (6) – Week four – Home Performance (3)

1) Write the set of counting numbers less than 7 {6, 5, 4, 3, 2, 1}

2) Put each of the numbers 0.2, 1, $-2\frac{1}{2}$, 15, 0, -0.7 , -4 in the most suitable subset in the following Venn-diagram





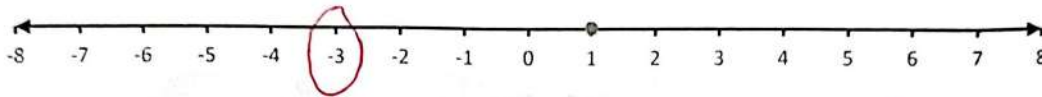
الصف السادس - الأسبوع الثالث - تقييم أسبوعي

Question 1 : write an integer to represent the following situation :

Adel loss 2,000 pounds the integer is(-2000)

Question 2 : Represent each of the following situation on number line :

Ahmed dives 3m under the surface of the water



Question 3 : Write the greatest negative integer the numbers is-1

Question 4 : Write the integer represent :

The boiling point of water is 100° C above zero+100

Question 5 : Write the integer represents a profit is 19,000 pounds the integer is+19,000

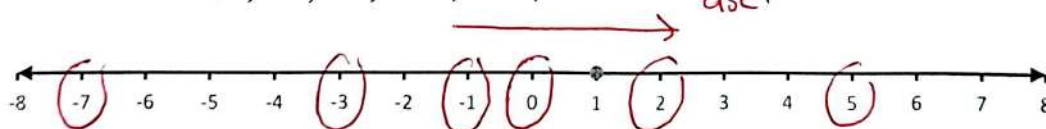
Question 1 : Write the integers between each two integers of The following :

-2 , 6 →-1, 0, 1, 2, 3, 4, 5

-7 , 0 →-6, -5, -4, -3, -2, -1

Question 2 : represent the following integers on number line then arrange them in ascending

order : -7 , 2 , 0 , -1 , -3 , 5



The order is : -7, -3, -1, 0, 2, 5

Question 3 : Write the opposite of the following integers :

22 → -22

12 → -12



Question 4 : Put ($<$, $=$, $>$)

The opposite of (- 8) $<$ 8

The opposite of (0) $=$ 0

Question 5 : Arrange descending order :

1 , 10 , - 6 , - 1 , 7 , 2

The order is : ...10... , ...7... , ...2... , ...1... , ...-1... , ...-6...

Question 1 : Write the opposite of the following integers :

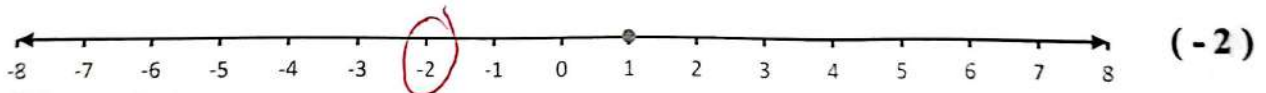
23 \longrightarrow ...-23...

- 8 \longrightarrow ...8...

12 \longrightarrow ...-12...

0 \longrightarrow ...0...

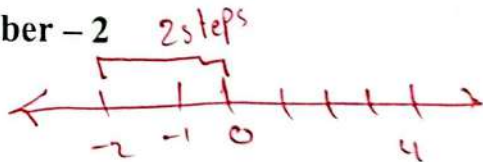
Question 2 : Represent each the following integers on number line and their opposite line



Question 3 : Nada said : 4 is closest to zero than number - 2

Agree

I don't agree



Question 4 : which integer is neither positive nor negative the integer is0.....

Question 5 : write the additive inverse of - 3 is+3



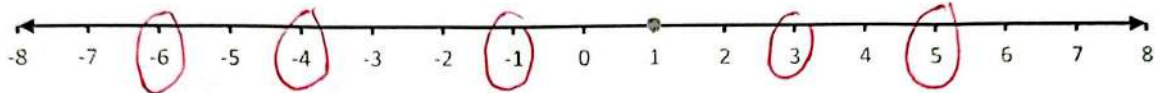
الصف السادس - الأسبوع الثالث - أداء منزلي

Question 1 : write an integer to represent the following situation :

Ahmed with draws 5,000 pounds from his bank a ccount the number is⁻⁵⁰⁰⁰

Question 2 : Represent each of the following numbers on The number line :

3 , -1 , -6 , 0 , -4 , 5



Question 3 : Write positive integer is⁵.....

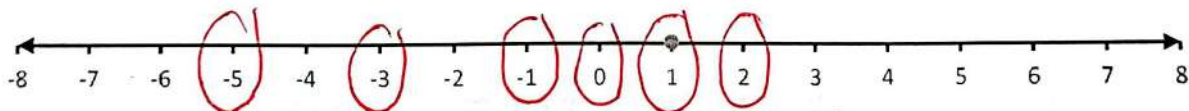
Question 4 : Write an integer represent workers dug well 50 m deep the number is⁻⁵⁰.....

Question 5 : The integer 0..... is neither positive nor negative

Question 1 : Write the negative integer which lies on the right of - 2 on the number line

The number is⁻¹.....

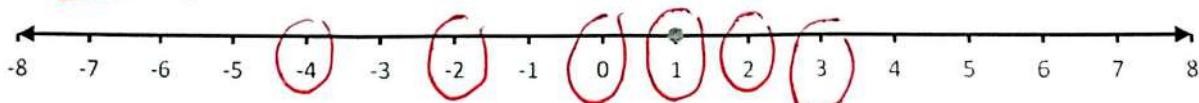
Question 2 : Represent the following numbers on The number line then arrange them in descending order : - 1 , 0 , 1 , -3 , 2 , -5



The order is : ..².. , ..¹... , ..⁰... , ..⁻¹... , ..⁻³.. , ..⁻⁵.....

Question 3 : Represent the following numbers on The number line then arrange them in

Ascending order : - 4 , 2 , - 2 , 1 , 0 , 3



The order is : ..⁻⁴.. , ..⁻².. , ..⁰.. , ..¹... , ..²... , ..³...



Question 4 : Write the opposite of the following integers :

$$3 \longrightarrow -3$$

$$7 \longrightarrow -7$$

Question 5 : Arrange ^B indescending order :

$$2, -5, 5, 0, -7, -3$$

The order is : 5 , 2 , 0 , -3 , -5 , -7

Question 1 : Write the opposite of the following numbers :

$$1 \longrightarrow \dots -1 \dots$$

$$-8 \longrightarrow \dots 8 \dots$$

$$-3 \longrightarrow \dots 3 \dots$$

$$4 \longrightarrow \dots -4 \dots$$

Question 2 : : Put (< , = , >)

$$-7 \boxed{<} -3$$

$$-9 \boxed{<} -1$$

$$-10 \boxed{<} -2$$

Question 3 : Write the integers which less than 3 and more then zero the integers is {1, 2}

Question 4 : The integers which less than zero representsnegative integers

Question 5 : The integers which greater than zero representspositive integers

3) Write the greatest number and the smallest number from the following numbers:

$-0.3, -1.8, -1.5, -0.8$

gr: -0.3

sm: -1.8

4) What is the set of numbers that contains number 9?

5) Write a subset from the set of natural numbers

$$C \subset N$$

or $\{1, 2, 3\} \subset N$



Fifth grade of primary school - fourth week - weekly evaluation - term 1

The first group: Answer the following questions:

- 1) If the mass of the orange is 5.75 kg and the mass of the apple is 2.5 kg, what is the mass of the orange and apple? 8.25
- 2) Khaled had 100 L.E. He bought a book for 65.3 L.E. 34.7
How much does he have left? $100 - 65.3 = 34.7$
- 3) Khaled had 10.75 L.E. and gave his brother 5.25 L.E., estimate the amount that remained with Khaled. Using Decimals Benchmark?
- 4) Find the result of subtraction $0.32 - 0.195 = 0.125$
- 5) Estimate the result using the Front-End Estimation from the left $8.92 - 3.5 = \dots$ $8 - 3 = 5$

The second group: Answer the following questions:

- 1) A road with a length of 98.5 km, the car travelled a distance of 35.25 km, then how many kilometres of road remain? 66.25
- 2) Khaled had 100 L.E. He bought a book for 22.5 pounds.
How much does he have left? 77.5
- 3) Mahmoud deposited 2,000 L.E. in a bank and added profits of 235.5 L.E. How many L.E. does he have in the bank balance after adding the profits? 2235.5
- 4) Find the subtraction result:- $0.9 - 0.325$ using Benchmark Decimals strategy
- 5) Estimate the subtraction result by rounding to the nearest unit: $9.65 - 1.2 = \dots$ $1 - 0 = 1$
 $9.65 - 1.2 = 8.45$

The third group: Answer the following questions:

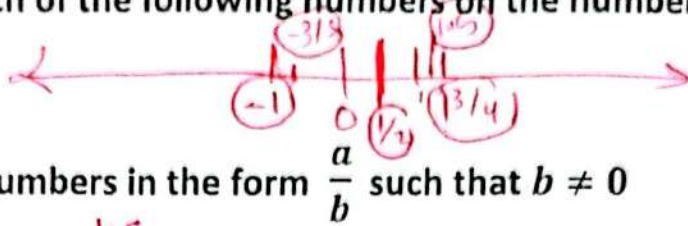
- 1) If Imad's height is 1.7 meters and Ahmed's height is 0.35 meters shorter than him, what is Ahmed's height? $1.7 - 0.35$
- 2) Khaled had 300 L.E. He bought a book for 65.25 pounds.
How much does he have left? $300 - 65.25$
- 3) What is the estimate of subtracting $15.8 - 3.21$ using the Benchmark Decimals strategy $15 - 3 = 12$
- 4) Find the result of the subtraction:- $0.6 - 0.18 = \dots$ 0.42 for student
- 5) What is the decrease of 2.5 from 33.14? $33.14 - 2.5$

Grade (6) – Week four – Weekly Evaluation – First Term – Mathematics

Grade (6) – Week four – Weekly Evaluation (1)

1) Determine the position of each of the following numbers on the number line:

1.5, -1, $\frac{1}{2}$, $-\frac{3}{5}$, $1\frac{3}{4}$



2) Write the following rational numbers in the form $\frac{a}{b}$ such that $b \neq 0$

a) 4 b) -45

$\frac{4}{1}$ $-\frac{45}{1}$

3) Arrange the following numbers ascendingly: 2.1, 1.4, $3\frac{1}{4}$, $-1\frac{1}{3}$, $-2\frac{1}{2}$

4) Write the rational number that lies between -9.00, -9.10

5) Write three different natural numbers

-9.01 , -9.02
 $\frac{3}{4}$, $\frac{3}{4}$, $-\frac{9}{1}$

Grade (6) – Week four – Weekly Evaluation (2)

1) Which is greater: -8.2 or -8.25

-8.20

$5 < 5.2 < 6$

2) What are the two integer numbers in which the rational number 5.2 lies between them.

3) Write a number which is not belong to the set of counting numbers

zero

4) All counting numbers are numbers

rational

5) Write the smallest natural number

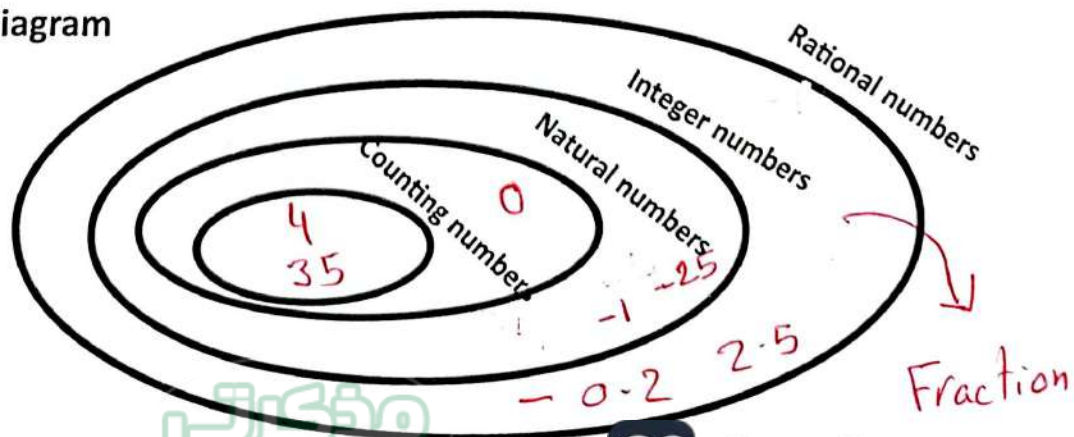
zero

Grade (6) – Week four – Weekly Evaluation (3)

$\{-1, 0, 1\}$

1) Write the set of integer numbers that are more than -2 and less than 2

2) Put the number -1, 35, 2.5, -25, 0, -0.2, 4 in the most suitable subset in the following Venn-diagram



3) Write the greatest number and the smallest number from the following numbers:

$-0.3, 0.4, -1, 1\frac{3}{5}$

Gr: $1\frac{3}{5}$, Sm -1

4) What is the set of numbers that contains number 5.7 ?

fraction \rightarrow rational

5) Write a subset from the set of integer numbers

Counting & Natural

, { 1, 2, 3 }, _____



Weekly Evaluation in Mathematics
Primary (6) – Week Five – First Term

Weekly Evaluation (1) – Primary (6) – Week Five

1) Write the absolute value for the following numbers (-99 , 13 , -19 , 45) $| -99 | = 99$, $| -19 | = 19$

2) Find the value of x in the following cases:

(a) $|x| = 24$ $x = 24$ or -24 (b) $x = |17| = 17$

3) Which is greater: -5 or $| -5 |$ $| -5 |$

4) The temperature in freezer (A) is (- 32) Celsius degrees and in freezer (B) is (-35) Celsius degrees. Which freezer has the lowest temperature? **B**

5) Arrange ascendingly: -78 , $| -75 |$, 76 , $| -77 |$, 0 , $| 72 |$
① ④ ⑤ ⑥ ② ③

Weekly Evaluation (2) – Primary (6) – Week Five

1) In one of the labs, two freezers are set on different degrees of temperature to preserve the frozen samples. If freezer (A) set on (2) Celsius degrees and freezer (B) set on (6) Celsius degrees. Which number is greater? Which temperature is lower? -2 is greater

2) How far the absolute value of number (-12) from zero? 12 steps

3) Which is smaller: $| -12 |$ or -10 -10

4) Write two negative numbers their absolute values are more than 20 $| -21 |$, $| -22 |$

5) Arrange descendingly: 5 , -5 , $| -11 |$, $| 7 |$, 0 , $-| 11 |$
③ ⑤ ① ② ④ ⑥



Weekly Evaluation (3) – Primary (6) – Week Five

- 1) If $a = |-46|$, find the value of a = 46
- 2) Which is greater: $|-46|$ or $|-44|$ $|-46|$
- 3) -9.52, -9.25 are two rational numbers, Which is the greatest one? -9.25
- 4) A submarine located at a depth of 18 metre below the sea level, If a fish located at a depth of 14 meter below the sea level. Which is closer to the sea level? -14
- 5) Arrange ascendingly: $|-41|$, -42 , 0 , $|-42|$, 40 , -40
- (5) (1) (3) (6) (4) (2)



① الواجب التوحيدي

Evaluation

First Term

6th Grade

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? $5^2 = 25$
- (2) Put the following numerical expression in its simplest form:
 $(5^2 - 20) + 5 = (25 - 20) + 5 = 5 + 5 = 10$
- (3) Find the value of the numerical expression: $2^2 \times 5 - 10 = 4 \times 5 - 10 = 10$
- (4) Evaluate the expression: $2 + 5(t^2 - 3)$ when $t = 3$ $2 + 5(9 - 3) = 2 + 30 = 32$
- (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? $\text{expression} = x + 50 = 10 + 50 = 60 \text{ pounds}$

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? $= 2^3 = 8$
- (2) Put the following numerical expression in its simplest form:
 $9(3 + 3) \times 5 - 3^2 = 9 \times 6 \times 5 - 9 = 6 \times 5 = 30$
- (3) Find the value of the numerical expression: $5 \times 2^2 - [9 - (6 + 3)] =$
- (4) Evaluate the expression: $9 + (p^2 - 3) + 2$ when $p = 3 = 9 + (9 - 3) + 2 = 17$
- (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? $100x + 15 = 100 \times 3 + 15 = 315 \text{ pounds}$



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? $= 1^6 = 1$

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

$$5 + 3 \times 3^2 - 5 = 5 + 3 \times 9 - 5 = 27$$

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

$$20 - 0 = 20$$

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

$$16 \div (-2) = -8$$

(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?

$$\begin{aligned} & 150x - 50 \\ & = 150 \times 3 - 50 \\ & = 450 - 50 = 400 \end{aligned}$$



Sixth Grade Primary First Term Week 8 Evaluation
Eighth week : Unit Three Lessons (6 and 7)

First group : Answer the following questions:

- 1) What is the value of the algebraic expression : $(t^2 - 3) \div 2$ When the value of $t = 3$? $3^2 - 3 = 9$
- 2) Evaluate the algebraic expression: $5 + (P^2 + 3)$ If $P = 3$? $5 + 3^2 + 3 = 17$
- 3) Evaluate the two algebraic expressions: $2(x + 1)$, $x + 2$, Using two positive integers of your choice? \rightarrow for 2
- 4) Are the two algebraic expressions $3(x + 2)$, $3x + 2$, Equivalent? No
- 5) Is the algebraic expression $3x + 2$, is equivalent to the algebraic expression $2(x + 2)$ When the value of $x = (1 \text{ or } 2)$?

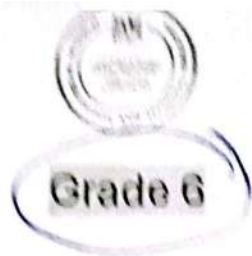
Second group : Answer the following questions:

- 1) What is the value of the algebraic expression : $(p^2 + 3) - 2$ When the value of $p = 3$? \rightarrow for 2
- 2) Evaluate the algebraic expression: $4 + (t^2 - 3)$ If $t = 2$? $4 + (4 - 3) = 5$
- 3) Evaluate the two algebraic expressions: $3(2x + 1)$, $6x + 3$, Using two positive integers of your choice? 2
- 4) Are the two algebraic expressions $2(x + 2)$, $2x + x$, Equivalent?
- 5) Is the algebraic expression $3r + 3$, is equivalent to the algebraic expression $3(r + 1)$ When the value of $r = (1 \text{ or } 2)$?

Third group : Answer the following questions:

- 1) What is the value of the algebraic expression: $5+(t^2-3)$ When the value of $t=2$?
- 2) Evaluate the algebraic expression: $75-(5x^2+5)$ If $x=3$?
- 3) Evaluate the two algebraic expressions: $3(x+2)$, $4x+6$, Using two positive integers of your choice ?
- 4) Are the two algebraic expressions $2(3x+1)$, $6x+2$, Equivalent ?
- 5) Is the algebraic expression $3x+3$, is equivalent to the algebraic expression $2(x+1)$ When the value of $x=(1 \text{ or } 2)$?

for 2
by substitution



Grade 6

Week 9

Weekly evaluation

First term - Mathematics

Sixth Grade - Week 9 - Weekly Assessment (1)

1) Find the value of x in the equation $x + 3 = 12$

$x = 12 - 3 = 9$

2) Use the integer line to find the value of x in the inequality $x > -1$



3) A poster on the road shows a speed limit of 40 km/h. Circle the speeds allowed on this road (38 km/h., 50 km/h., 30 km/h.,

40 km/h., 49 km/h., 43 km/h.)

4) Which of the following values are solutions to the inequality in the set of integers $x \geq -6$ (-7, -3, -5, -4, -6)

5) Find the solution set of the equation $3x = 24$

$x = \frac{24}{3} = 8$

Sixth Grade - Week 9 - Weekly Assessment (2)

1) Find the value of x in the equation $x + 4 = 9$

$x = 5$

2) Use the integer line to find the value of x in the inequality $x \leq -6$

for h

3) One of the sale signs in one of the stores shows that the discount prices start from purchases of 150.99 L.E Circle the price at which the discount rate applies (140.99 L.E, 150.99 L.E, 150.49 L.E, 290.99 L.E, 120.99 L.E, 150.99 L.E)

From ministry book

4) Which of the following values are solutions to the inequality in the set of integers $x \leq -6$ (-7, -3, -5, -4, -6)

5) Find the solution set of the equation $4x = 28$

$x = 7$



Sixth Grade - Week 9 - Weekly Assessment (3)

- 1) Find the value of x in the equation $x + 6 = 8$ $x = 2$
- 2) Use the integer line to find the value of x in the inequality $x \geq -2$ $\{-2, -1, 0, 1, 2, \dots\}$
- 3) A poster on the road shows a speed limit of 40 km/h. Circle the speeds allowed on this road (38 km/h., 50 km/h., 30 km/h., 40 km/h., 49 km/h., 43 km/h.)
- 4) Which of the following values are solutions to the inequality in the set of integers $x \leq -4$ (-7, -3, -5, -4, -6)
- 5) Find the solution set of the equation $5x = 25$



Model answer

وزارة التربية والتعليم
الإدارة المركزية لتطوير المناهج
مكتب مستشار الرياضيات

Grade 6

Week 10

Weekly evaluation

First term – Mathematics

Sixth Grade - Week 10 - Weekly Assessment (1)

1) Identify the dependent variable and the independent variable:

The amount of food and the number of calories gained. *Depends: the number of calories*
The number of calories depends on the amount of Food *Independent: amount of Food*

2) Identify the dependent variable and the independent variable: The

number of liters of gasoline in the car and the distance traveled. *Depend: distance traveled.*
The distance traveled by car depends on number of liters of gasoline *Independent: liters of gasoline.*

3) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to add 4) $y = x + 4$

4) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to multiply by 3 and then add 5) $3x + 5 = y$

5) If the equation $y = 2x + 3$, name the dependent variable and the

independent variable. *dependent: y* *Independent: x*

Sixth Grade - Week 10 - Weekly Assessment (2)

1) Identify the dependent variable and the independent variable:

Number of train rides and number of tickets sold. *Dependent: train rides*
Number of train rides depends on number of tickets sold *Independent: tickets sold.*

2) Identify the dependent variable and the independent variable:

The amount of money spent to buy a number of pens. *Dependent: amount of money*
amount of money spent depends on buying a number of pens

3) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to subtract 7)

$$y = x - 7$$

4) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to multiply by 8 and then add 4)

$$y = 8x + 4$$

5) If the equation $n = 5a$ state the dependent variable and the

independent variable. *Dependent: n*

Independent: a



Model answer

وزارة التربية والتعليم
الإدارة المركزية لتطوير المناهج
مكتب مستشار الرياضيات

Sixth Grade - Week 10 - Weekly Assessment (3)

1) Identify the dependent variable and the independent variable:

The number of hours it takes for the factory to produce the number of electrical appliances.

appliances

electrical

dependent → no. of

Independent → no. of

hours

The number of electrical appliances depends on the number of hours.

2) Identify the dependent variable and the independent variable: The

number of balloons sold and the amount of money you have on hand.

The amount of money depends on the number of balloons.

depends → the amount

of money

3) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to multiply by 2 and then subtract 5)

Independent

$$y = 2x - 5$$

→ number of balloons

4) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to add 7)

$$y = x + 7$$

~~5) If the equation $3 + 5 =$, state the dependent variable and the independent variable.~~



Grade 6

Week 10

Weekly evaluation

First term – Mathematics

Sixth Grade - Week 10 - Weekly Assessment (1)

1) Identify the dependent variable and the independent variable:

The amount of food and the number of calories gained. **independent** **dependent**

2) Identify the dependent variable and the independent variable: The

number of liters of gasoline in the car and the distance traveled. **independent** **dependent**

3) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to add 4) **$y = X + 4$**

4) Write an equation using variables x and y , where (x) is an **$y = 3x + 5$**

independent variable (the rule is to multiply by 3 and then add 5)

5) If the equation $y = 2x + 3$, name the dependent variable and the

independent variable. **dependent = y** **independent = x**

Sixth Grade - Week 10 - Weekly Assessment (2)

1) Identify the dependent variable and the independent variable:

Number of train rides and number of tickets sold. **independent** **dependent**

2) Identify the dependent variable and the independent variable:

The amount of money spent to buy a number of pens. **independent** **dependent**

3) Write an equation using variables x and y , where (x) is an

independent variable (the rule is to subtract 7) **$y = X - 7$**

4) Write an equation using variables x and y , where (x) is an **$y = 8x + 4$**

independent variable (the rule is to multiply by 8 and then add 4)

5) If the equation $n = 5a$ state the dependent variable and the

independent variable. **n dependent** **a independent**



Sixth Grade - Week 10 - Weekly Assessment (3)

independent

1) Identify the dependent variable and the independent variable:

The number of hours it takes for the factory to produce the number of electrical appliances. dependent

independent

2) Identify the dependent variable and the independent variable: The number of balloons sold and the amount of money you have on hand. dependent

3) Write an equation using variables x and y , where (x) is an independent variable (the rule is to multiply by 2 and then subtract 5) $y=2x-5$

4) Write an equation using variables x and y , where (x) is an independent variable (the rule is to add 7) $y=x+7$

5) If the equation $3 + 5 =$, state the dependent variable and the independent variable.



Grade 6

Week 12

Weekly evaluation

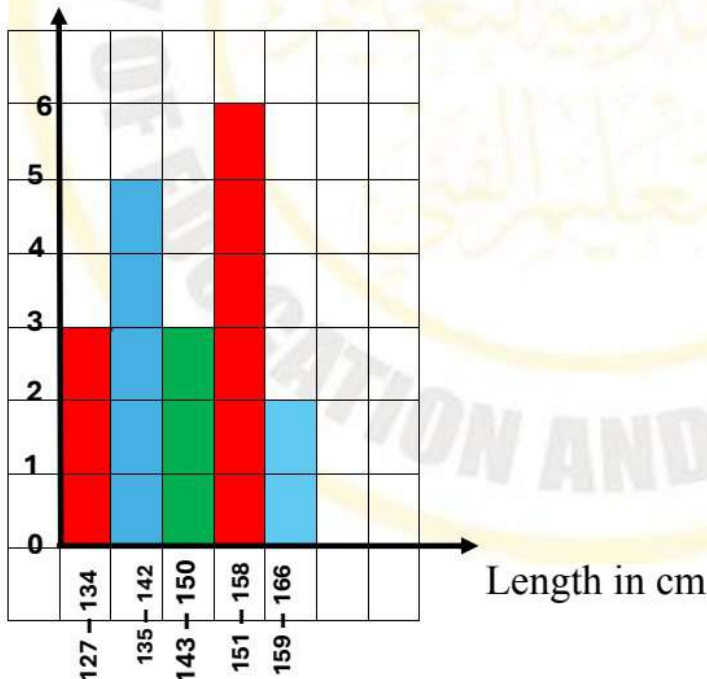
First term – Mathematics

Unit Six Lessons (1, 2, 3)

Sixth Grade - Week 10 - Weekly Assessment (1)

- 1) Classify a question that produces a single answer as a statistical or non-statistical question? **non statistical**
- 2) How many books does your class read in a year? This question produces numerical or categorical data? **numerical**
- 3) What is the name of a graph that includes data shown above a number line? **dot plot**
- 4) The corresponding graph shows the heights of some students in centimeters from the diagram. How many students are 150 centimeters or more tall? **6+2=8**

Number of students





5) The following table shows the scores of some students in the weekly evaluation

scores	0 - 1	2 - 3	4 - 5
Number of pupils	5	10	15

Represent this data by a histogram?

Sixth Grade - Week 10 - Weekly Assessment (2)

1) A question that produces a lot of different possible answers is a statistical question or a non-statistical question? **statistical**

2) What are the favorite colors of the students in your class? This question produces numerical or categorical data? **categorical**

3) Underline the graph that shows the data grouped into intervals
(Bar graph, histogram, dot plot) **histogram**

4) The following table shows the number of study hours per day for some students

scores	0 - 1	2 - 3	4 - 5	6 - 7
Number of pupils	8	16	12	4

Represent this data by a histogram

5) From your graph above: How many students study less than 4 hours a day? **$8+16=24$ students**



Sixth Grade - Week 10 - Weekly Assessment (3)

1) Categorize the “yes” or “no” question as statistical or non-statistical? **non statistical**

2) How many family members are in your class? This question produces numerical or categorical data ? **numerical**

3) Underline the graph where the columns should touch

(Bar graph - histogram - dot plot) **bar graph**

4) The following table shows the savings in pounds for some students

scores	0 - 9	19 - 10	29 - 20	39 - 30
Number of pupils	8	16	14	6

Represent this data by a histogram

5) From your graph above: How many students are saving 20 pounds or more? **14+6=20 students**



Grade 6

Week 13

Weekly evaluation

First term – Mathematics

Sixth Grade - Week 10 - Weekly Assessment (1)

1) Write the median for the data set (4, 6, 1, 5, 3)?

4

2) Draw the box plot for the following numerical data

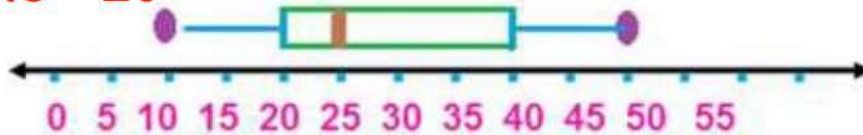
min=0 , max =12 ,
q1=2 , q2=5.5, q3=7

(1, 12, 6, 6, 5, 2, 0, 10, 7, 2)

3) The figure in front of you shows the first quartile and the third quartile.

lower quartile = 20

upper quartile=40



4) From the data set (4, 8, 5, 3, 1, 7, 6), state the number that represents the lower quartile?

3

5) From the data set (4, 8, 5, 3, 1, 7, 6), state the number that represents the upper quartile?

7

Sixth Grade - Week 10 - Weekly Assessment (2)

1) Write the median of the data set (5, 6, 3, 7, 5)?

5

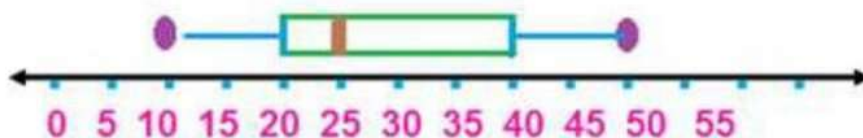
2) Draw the box plot for the following numerical data (0, 1, 7, 4, 18, 12, 0, 9, 12, 11, 13, 17, 15)?

min=0 , max=18,
q1=2.5 , q2 =11 q3=14

3) The drawing in front of you shows the minimum and maximum values ?

minimum=10

maximum=50





4) From the data set (4, 2, 5, 9, 1, 7, 11), state the number that represents the maximum value? **11**

5) From the data set (4, 2, 5, 9, 1, 7, 11), state the number that represents the minimum value? **1**

Sixth Grade - Week 10 - Weekly Assessment (3)

1) Write the median for the data set (9, 7, 11, 18, 7, 5)? **8**

2) Draw a box plot for the following numerical data

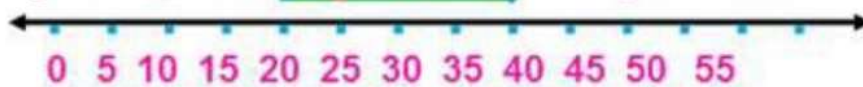
(17 , 18 , 14 , 9 , 15 , 22 , 11 , 10 , 10 , 18 , 20 , 11)

**min=9, max=22,
q1=10,q2=14,q3=18**

3) The graphic in front of you shows the median and the upper quartile

upper quartile=40

median = 25



4) From the data set (4, 2, 5, 9, 1, 7, 11), state the number that represents the median? **5**

5) From the data set (4, 2, 5, 9, 1, 7, 11), state the number that represents the upper quartile? **9**



Grade 6

Week 14

Weekly evaluation

First term – Mathematics

Sixth Grade - Week 10 - Weekly Assessment (1)

1) Identify the point of balance from the corresponding drawing and whether the shape is symmetrical or non-symmetrical?

balanced point=4

symmetrical



2) Find the mean of the following terms (4, 4, 1, 7, 4)? 20

3) Find the mean of the set of values (29, 14, 10, 31)? 84

4) If the mean of the values 3, 9, 11, and r is 6, find the value of r? 1

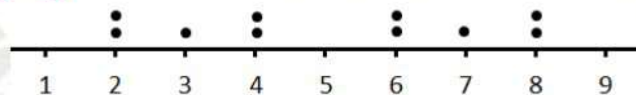
5) Find the mean of the numbers 2 and 6? 4

Sixth Grade - Week 10 - Weekly Assessment (2)

1) Identify the point of balance from the corresponding drawing and whether the shape is symmetrical or non-symmetrical?

balanced point=5

symmetrical



2) Find the arithmetic mean of the following terms (8, 5, 7, 12)? 8

3) Find the mean of the set of values (9, 10, 11, 12, 13)? 11

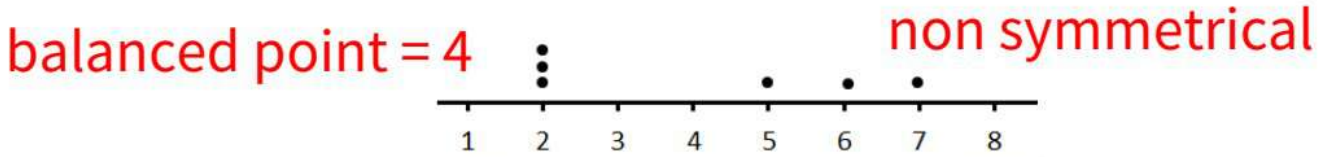
4) If the mean of the values 3, 2, 6, and y is 4, find the value of y? 5

5) Find the mean of the numbers 3 and 7? 5



Sixth Grade - Week 10 - Weekly Assessment (3)

1) Identify the point of balance from the corresponding drawing and whether the shape is symmetrical or non-symmetrical?



2) Find the mean of the following terms (6, 7, 2, 1, 4)? 4

3) Find the mean of the set of values (5, 6, 7, 8, 9)? 7

4) If the mean of the values 5, 9, 6, and r is 5, find the value of r? $r=0$

5) Find the mean of the numbers 5 and 9? 7