Model (1)

Millions			Thousands			ones		
Hundreds	tens	ones	Hundreds	tens	ones	Hundreds	tens	ones
	2	0	3	5	4	7	4	9

A) from the previous table complete the following table :

a	b	c
The number in expanded form …………….	The Value of the digit 5 in the number is …….……..	Rounding the number to the nearest million ≈…

(B) complete the table :

The shape	formula	The area
5cm 5cm	$A = s \times$ ……	…………………
7cm 3cm	$A = L \times$ ……	…………………

Model (2)

A) Use the following factor trees to find :

18

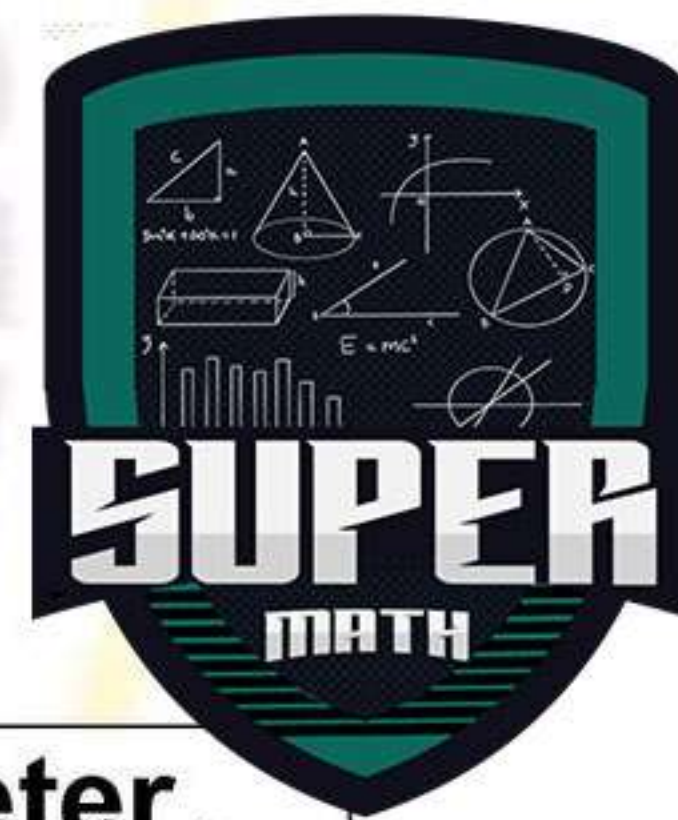1   2   3   [b]   9   18

[x]

1   2   3   4   6   12
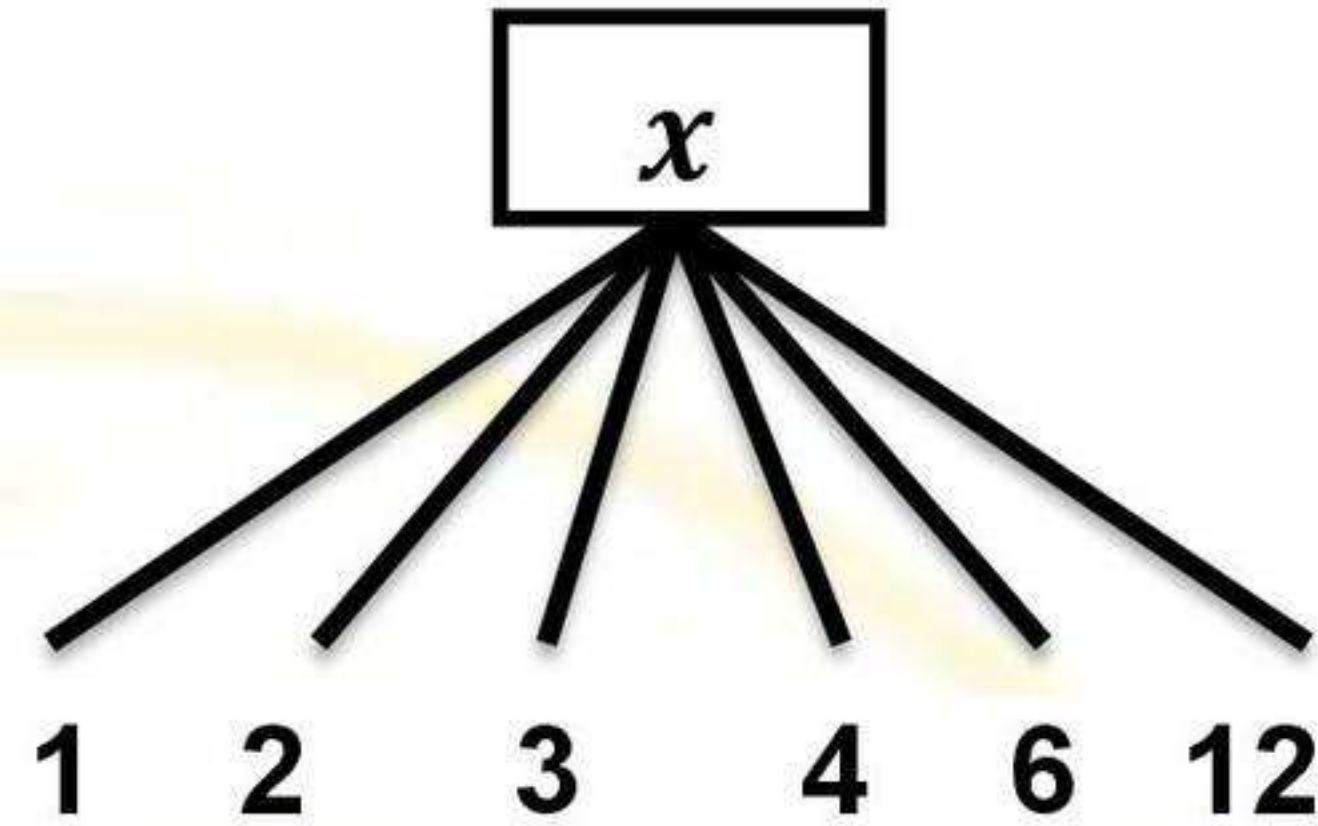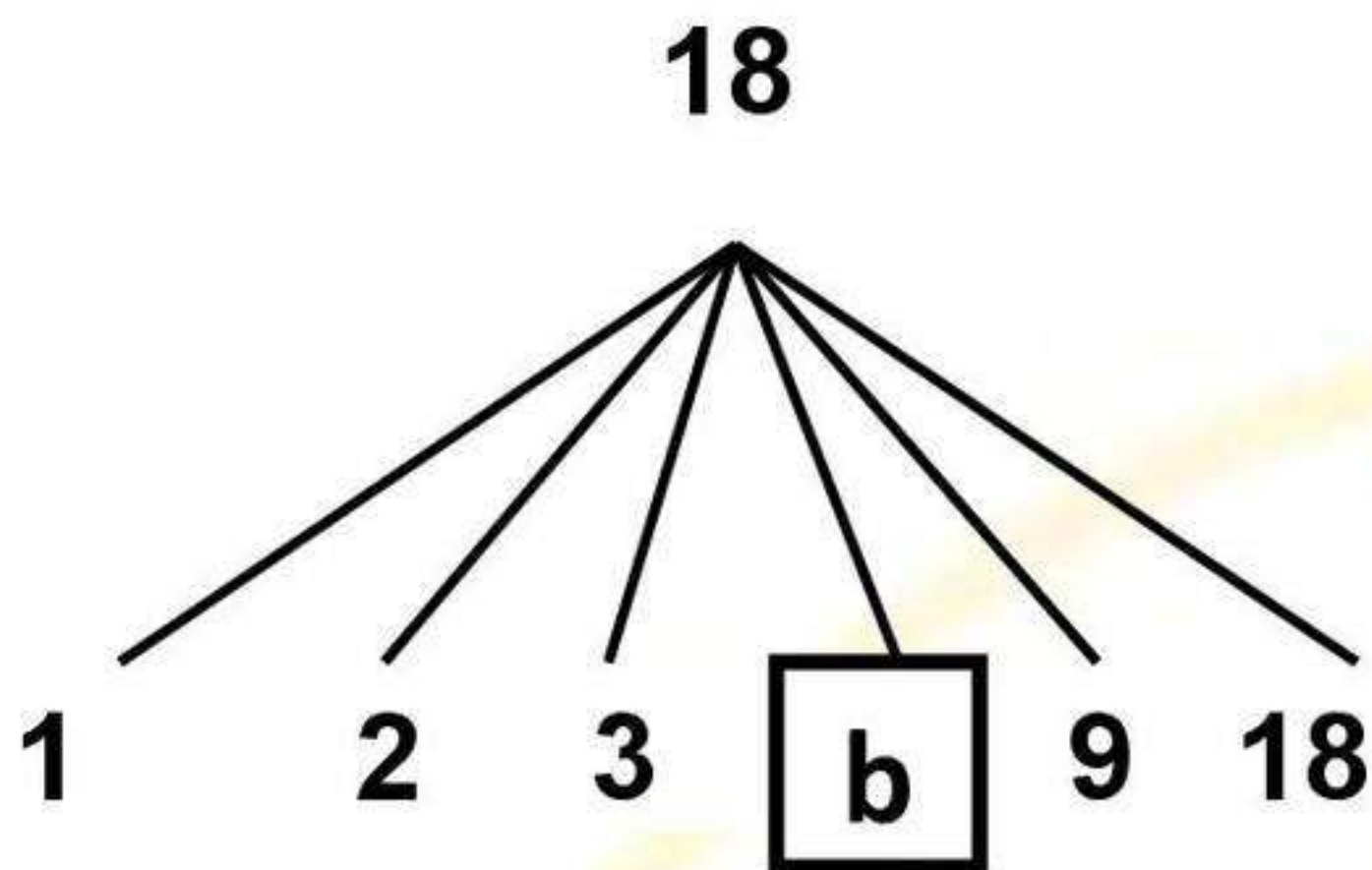
1 - The Value of x =……. , The Value of b =…….

2 –   the greatest common factor (G.C.F) of the two

numbers 12 and18 is ….…….

3 – Find the result :

$$18 × 12 = …….……..$$

(B) complete the table :

The shape	formula	The perimeter
5cm, 5cm (square)	P =s×……	……………
7cm, 3cm (rectangle)	p=(L+……)×2	…………………

Model (3)

A) Match each of the following cards to the suitable cards :

| The Value of the digit 8 in the number 7,835,601 | 9,875÷5= | 7+ (60-15) ÷9 = | 4 ×200 = |

| 1,975 | 800,000 | 800 | 12 |

B) find the value of x in the following bar model :

the bar model	The value of x
5,345gm x kg / 345gm	
x m 3 km / 128 m	
1,299 mL 1L / x mL	

Model (4)

A) Use the following cards To find :

| 5 | 7 | 3 | 4 | 8 | 1 | 6 |

1) Five different **numbers** formed from 7 digits.

.... ، .... ، .... ، .... ، ....

2) Arrange the numbers you made in ascending order:

....

3) Write The greatest and smallest number of numbers you have form:

The greatest number is……………..

The smallest number is ……………..

4) the different between The largest and smallest number =…………..

5) If the smallest number is rounded to the nearest hundred thousand , the result is :………………………………………

(B) complete the table :

Length of the side	perimeter of the square	area of the square
5 cm	……………..	……………
…………..	12m	
	………………	36m^2

Model (5)

A) Choose the appropriate card from the box to complete the missing numbers in each number sentence.

(use the card once)

1) $23,017 + 54,326 = \ldots\ldots$

2) $65,213 \approx \ldots\ldots\ldots$

   (to the nearest ten thousand)

3) $9,000,000 + 6,000 + 50 + 7 = \ldots\ldots$

4) $60 \times 10 = \ldots\ldots\ldots$

5) $784 \div 7 = \ldots\ldots$

9,006,057	
	77,343
70,000	
112	600

(B) complete the table :

Length of the rectangle	Width of the rectangle	area of the rectangle	Perimeter of the rectangle
4 cm	6 cm	…….	……….
5 m	………………	………………	14 m
……………	5 m	30 m^2	………..

Model (1)
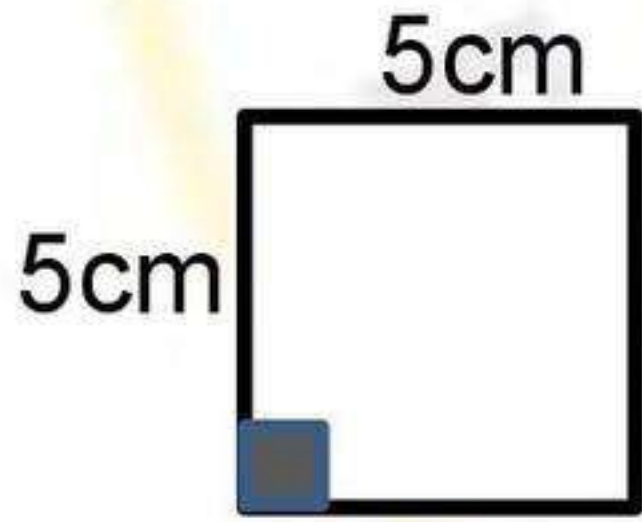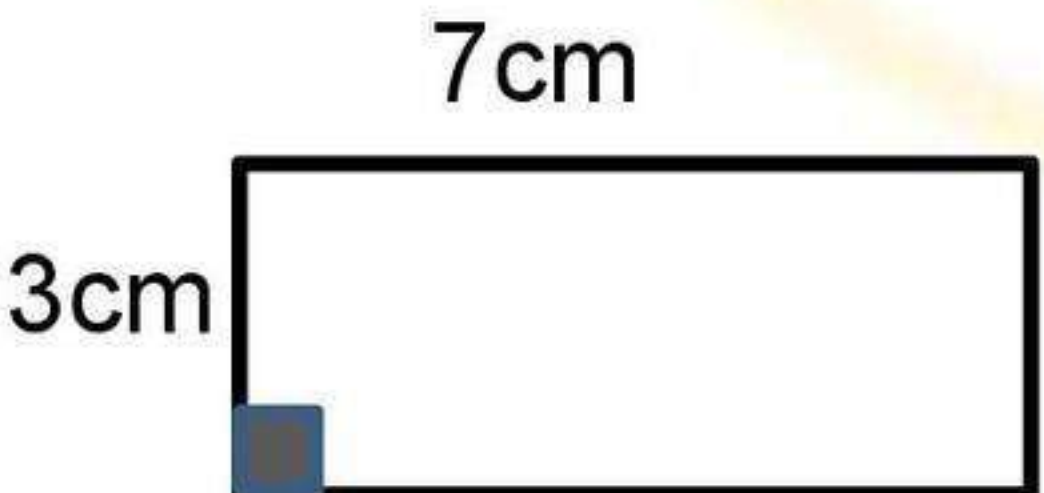
Millions			Thousands			ones		
Hundreds	tens	ones	Hundreds	tens	ones	Hundreds	tens	ones
	2	0	3	5	4	7	4	9

A) from the previous table complete the following table :

a	b	c
The number in expanded form	The Value of the digit 5 in the number is	Rounding the number to the nearest million ≈ …
20,000,000 + 300,000 + 500,000 + 4,000 + 700 + 40 + 9	50,000	20,000,000

(B) complete the table :

The shape	formula	The area
5cm / 5cm square	$A = s \times$ s	$5 \times 5 = 25$ CM^2
7cm / 3cm rectangle	$A = L \times$ W	$3 \times 7 = 21$ CM^2

Model (2)

A) Use the following factor trees to find :

18

1   2   3   b   9   18

x

1   2   3   4   6   12
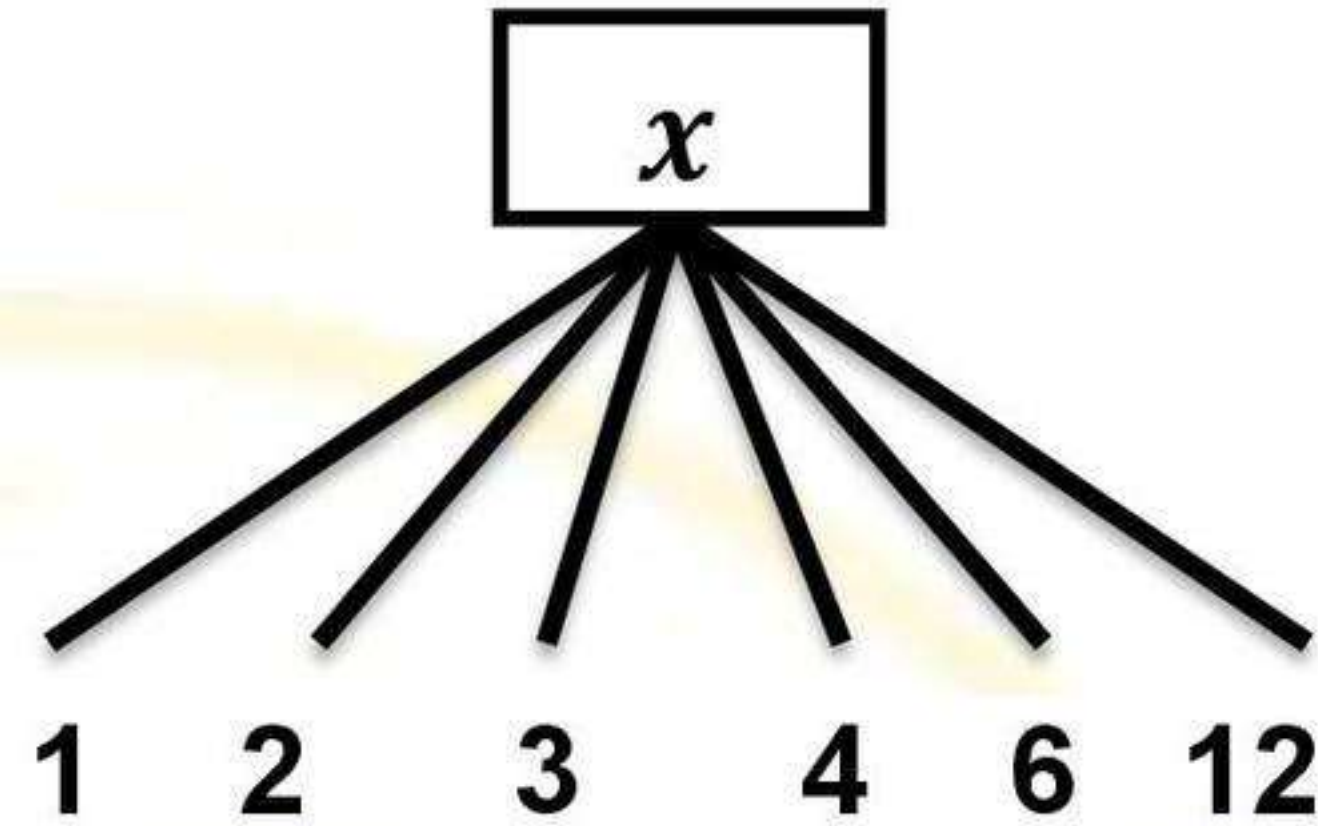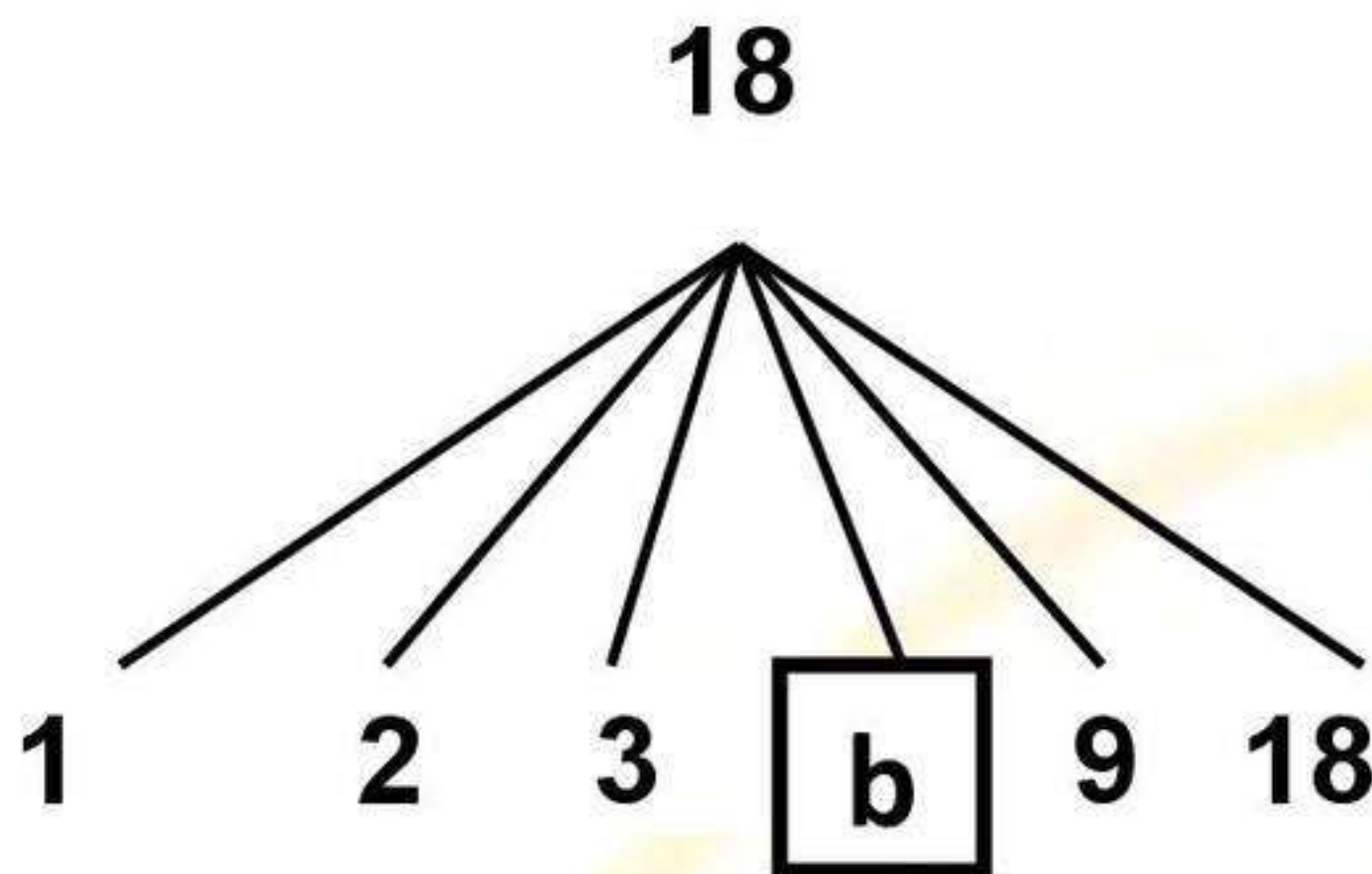
1 - The Value of x =...12... , The Value of b =...6...
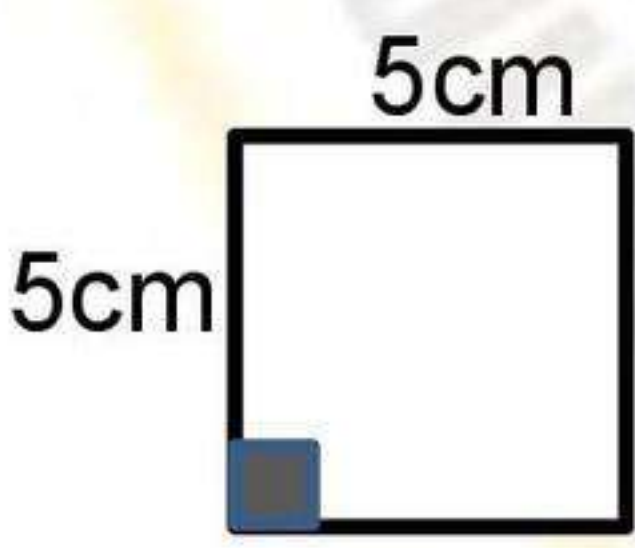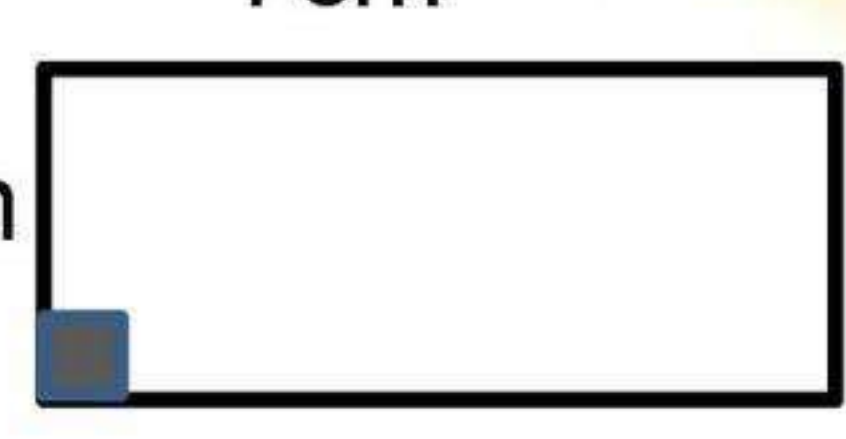
2 – the greatest common factor (G.C.F) of the two

numbers 12 and18 is .....6.....

3 – Find the result :

18 × 12 = ...216.....

(B) complete the table :

The shape	formula	The perimeter
5cm, 5cm (square)	P =s×...4...	5 X 4 =20 CM ....
7cm, 3cm (rectangle)	p=(L+...W...)×2	(3 + 7) X 2 =20 CM ....

Model (3)

A) Match each of the following cards to the suitable cards :

The Value of the digit 8 in the number 7,835,601	9,875÷5=	7+ (60-15) ÷9 =	4 ×200 =

1,975	800,000	800	12

B) find the value of x in the following bar model :

the bar model	The value of x
5,345gm — x kg | 345gm	5
x m — 3 km | 128 m	3000 + 128 = 3,128
1,299 mL — 1L | x mL	299

SUPER MATH

Model (4)

A) Use the following cards To find :

| 5 | 7 | 3 | 4 | 8 | 1 | 6 |

1) Five different numbers formed from 7 digits.

5,734,816   7,534,816   3,754816   1,684,375   4,537,816

2) Arrange the numbers you made in ascending order:

1,684,375 ، 3,754816 ، 4,537,816 ، 5,734,816 ، 7,534,816

3) Write The greatest and smallest number of numbers you have form:

The greatest number is 7,534,816

The smallest number is 1,684,375

7,534,816 − 1,684,375 = 5,850,441

4) the different between The largest and smallest number =..............

5) If the smallest number is rounded to the nearest hundred thousand , the result is : 1,700,000

(B) complete the table :

Length of the side	perimeter of the square	area of the square
5 cm	5 X 4 = 20 CM	5 X 5 = 25 CM^2
12 ÷ 4 = 3 CM	12m	3 X 3 = 9 CM^2
6 CM	6 X 4 = 24 CM	36m^2

المهام الأدائية

للصف الرابع الابتدائي

مادة: الرياضيات

تعليمات عامة:

- يستغرق العمل علي المهام الأدائية حصتان دراسيتان متتاليتان.

- يوزع المعلم أوراق المهمة علي الطلاب ويوضح لهم المقصود منها.

- يشرف المعلم على مراحل تنفيذ المهام خلال الحصص المخصصة لذلك.

- يجيب الطلاب عن المطلوب من المهمة في نفس الورقة.

- لا مانع من استخدام الطالب للكتاب المدرسي إذا أراد ذلك.

(Numbers and Statistics)

Student's name:………….

Class:………………………

The Egyptian state spends on many projects in the field of roads to facilitate traffic. It also spends on constructing bridges and tunnels on the middle road in Helwan an amount of 2,750,000 pounds.

Complete:

1. **Put the number 2,750,000 in the place value table:**

Milliards	Millions			Thousands			Ones		
O	H	T	O	H	T	O	H	T	O

2. **The decomposed form for 2,750,000 is:**

   ……………………………………………………………………………………………

3. **If the length of the ring road around Greater Cairo is 100 km; its length in meters = ……………. m.**

4. **If the length of the regional road is 400 km, and the length of the ring road is 100 km, then the length of the regional road equals ……… times the ring road.**

(Parade of Transporting The Royal Monuments)

Student's name:………….
Class:………………………

Egypt was able to dazzle the world with an important event related to the ancient Egyptian monuments. Where royal monuments were transported from the Egyptian Museum to its new location in the National Museum of Egyptian Civilization.

Complete each of the following:

1. If the distance that the parade covered is 7 kilometers , then this distance in meters equals……….

2. If the dimensions of one face of the monuments transporting box are 1 meter and 7 meters, then the perimeter of that face = ………meters.

3. If the number of spectators for the parade was around one milliard, five millions, and fifty six thousands all over the world. Then the standard form for that number is: ………………………

4. If the parade moved from the Egyptian Museum at 8:00 pm and stays 40 minutes in its path to the end. Then the time that the parade arrived at the National Museum is ….:…..pm

(Giza Pyramids)

Student's name: ....

Class: ....

      While visiting Giza Pyramids; with the help of the tour guide, you recorded the following data:

1. The height of the Great Pyramid (Khufu) 149 meters = ... cm.

2. The mass of four stones was calculated in kilograms; It was as follows:

      8,092,561 ، 9,208,111 ، 7,534,786 ، 8,650,336

   The ascending order of the mass of these stones is:

  .... ، .... ، .... ، ....

3. If a stone covers a rectangular piece of land 12 m length and 5 m width, then the area of that piece of land = ……………. Square meters.

4. During your trip if you ate 5 sandwiches for lunch, and the price of each one is 20 pounds, then the total price = ...……… LE.

The Rams Road

Student's name: ....
 Class: ....

Omar and Laila watched the celebration of the reopening of Rams Road; so they collected information on this road which links Karnak Temple in the north with Luxor Temple in the south.

Help Omar and Laila to finish the following task:

1. The length of the Rams Road is 2700 meters and that equals
............Kilometers, ... meters

2. If the number of statues that were found was 807 in the form of the head of the Sphinx, and 250 in the form of a ram, then the total number of statues that were found = ... statues .

3. If the base of each ram is in the form of a rectangle, its length is 370 cm and its width is 120 cm, then its perimeter = ... cm

4. If the cost of restoring the statues by rams road is 240 million pounds, write this amount :

In the extended form = ...
In standard form = ...

(5)

(Numbers game)

Student's name: ....

Class: ....

Use the following cards:

1	8	9	2	6	5	4

To find:

1. Five 7- digit numbers:

………………………….' ………………………… '…………………… '………………………… '……………………

----

2. Write the largest and smallest number from the previous digits.

The largest number...

The smallest number...

----

3. Approximate the largest number to the nearest hundred thousand.

The number to the nearest hundred thousand ϕ ………………………………

----

4. The value of the first digit from the left in the largest number = ………………………

----

5. The difference between the largest and smallest number = …………………………………………………

(6)
Journey to The Rams Road

Student's name: ....
Class: ....

Both Habiba and Salma wanted to take a trip to Luxor to see the rams road, so they started searching for transportation means and prices and they found four ways to reach Luxor (airplane, train, bus, and ship).

1. If the distance from Cairo to Luxor is 670 km, then the distance between them = ... meters

2. If the price of going from Cairo to Luxor by the plane (but you will miss the pleasure of the road) on Egyptian Airlines is 715 pounds, then the price of going and returning = ... pounds

3. If it takes 5 days to go to Luxor by ship, then the number of hours in 5 days =......... hour

4. If the bus has 76 seats, and the number of train seats is 3 times the number of bus seats. Then the number of train seats = ... seat

(1)

(Numbers and Statistics)

Student's name:.............

Class:........................

The Egyptian state spends on many projects in the field of roads to facilitate traffic. It also spends on constructing bridges and tunnels on the middle road in Helwan an amount of 2,750,000 pounds.

Complete:

1. Put the number 2,750,000 in the place value table:

Milliards	Millions			Thousands			Ones		
O	H	T	O	H	T	O	H	T	O
			2	7	5	0	0	0	0

2. The decomposed form for 2,750,000 is:

....

(2x 1000,000) + (7x 100,000) +(5x10,000)

3. If the length of the ring road around Greater Cairo is 100 km; its length in meters = ... m.

100,000

4. If the length of the regional road is 400 km, and the length of the ring road is 100 km, then the length of the regional road equals .... times the ring road.

4

Egypt was able to dazzle the world with an important event related to the ancient Egyptian monuments. Where royal monuments were transported from the Egyptian Museum to its new location in the National Museum of Egyptian Civilization.

Complete each of the following:

1. If the distance that the parade covered is 7 kilometers , then this distance in meters equals... **7,000 meters**

2. If the dimensions of one face of the monuments transporting box are 1 meter and 7 meters, then the perimeter of that face = ...meters.

   (1+7)x2= 16 .... **or 1+7+1+7=16 meters**

3. If the number of spectators for the parade was around one milliard, five millions, and fifty six thousands all over the world. Then the standard form for that number is: **1,005,065,000**......

4. If the parade moved from the Egyptian Museum at 8:00 pm and stays 40 minutes in its path to the end. Then the time that the parade arrived at the National Museum is ....:.....pm

   8:40 pm

Student's name: ....

Class: ....

   While visiting Giza Pyramids; with the help of the tour guide, you recorded the following data:

1. The height of the Great Pyramid (Khufu) 149 meters = ... cm.
   14,900

2. The mass of four stones was calculated in kilograms; It was as follows:

   8,092,561 ، 9,208,111 ، 7,534,786 ، 8,650,336

   The ascending order of the mass of these stones is:

   7,534,786 .... ، 8,092,561 ، 8,650,337 ، 9,208,111

3. If a stone covers a rectangular piece of land 12 m length and 5 m width, then the area of that piece of land = **12x5=60** .... Square meters.

4. During your trip if you ate 5 sandwiches for lunch, and the price of each one is 20 pounds, then the total price = **5x20=100** .... LE.

Student's name: ....
Class: ....

Omar and Laila watched the celebration of the reopening of Rams Road; so they collected information on this road which links Karnak Temple in the north with Luxor Temple in the south.

Help Omar and Laila to finish the following task:

1. The length of the Rams Road is 2700 meters and that equals
2 ....Kilometers, **700** .... meters

2. If the number of statues that were found was 807 in the form of the head of the Sphinx, and 250 in the form of a ram, then the total number of statues that were found = ... statues .
807+250=1057

3. If the base of each ram is in the form of a rectangle, its length is 370 cm and its width is 120 cm, then its perimeter = **980** .... cm   **(370+120)x2=980**

4. If the cost of restoring the statues by rams road is 240 million pounds, write this amount :

In the extended form = **200,000,000+40,000,000**
In standard form = ...
            240,000,000

(Numbers game)

Student's name: ....

Class: ....

Use the following cards:

1	8	9	2	6	5	4

To find:

1. Five 7- digit numbers:

1,245,689   2,986,654   4,125,986   8,965,421   9,865,421

---

2. Write the largest and smallest number from the previous digits.

9,865,421

The largest number..

1,245,689

The smallest number..

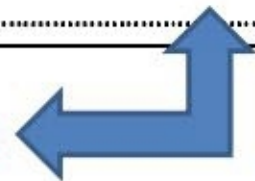
3. Approximate the largest number to the nearest hundred thousand.

The number to the nearest hundred thousand φ __9,900,000__

9,000,000

4. The value of the first digit from the left in the largest number = ...

---

5. The difference between the largest and smallest number = ...

9,865,421- 1, 245,689 = 8,619,732

Journey to The Rams Road

Student's name: ....
Class: ....

Both Habiba and Salma wanted to take a trip to Luxor to see the rams road, so they started searching for transportation means and prices and they found four ways to reach Luxor (airplane, train, bus, and ship).

1. If the distance from Cairo to Luxor is 670 km, then the distance between them = ... meters
670,000

2. If the price of going from Cairo to Luxor by the plane (but you will miss the pleasure of the road) on Egyptian Airlines is 715 pounds, then the price of going and returning = ~~1430~~...... pounds **715+715=1430**

3. If it takes 5 days to go to Luxor by ship, then the number of hours in 5 days =........ hour
120 ⟵ **5x24 = 120 hours**

4. If the bus has 76 seats, and the number of train seats is 3 times the number of bus seats. Then the number of train seats =
...**76x3 = 228**...... seat

بالتوفيق للجميع مع تحيات مستر سعيد طلعت

منتدى الامتحان التعليمى

(Numbers and Statistics)

الأعداد والإحصائيات

Student's name:............

Class:........................

The Egyptian state spends on many projects in the field of roads to facilitate traffic. It also spends on constructing bridges and tunnels on the middle road in Helwan an amount of 2,750,000 pounds.

أهم حاجة نشتغل من القطعة في العدد 8)

Complete:

1. Put the number 2,750,000 in the place value table:

Milliards			Millions			Thousands			Ones		
O	H	T	O	H	T	O	H	T	O		
			2	7	5	0	0	0	0		

2. The decomposed form for 2,750,000 is:

$$[2 \times 1,000,000] + [7 \times 100,000] + [5 \times 10,000]$$

3. If the length of the ring road around Greater Cairo is 100 km ; its length in meters = 100,000 m .

$$km \times 1000 \; m$$

4. If the length of the regional road is 400 km , and the length of the ring road is 100 km , then the length of the regional road equals ..4.... **times the ring road.**

(Numbers game)

Student's name: ....

Class: ....

Use the following cards:

| 1 | 8 | 9 | 2 | 6 | 5 | 4 |

علام بعد العشر (أرقام)
7digits غير مكرره مختلفه

To find:

1. Five 7- digit numbers:

6,548,921 1,892,654 8,192,456 6,456,298 9,865,421

----

2. Write the largest and smallest number from the previous digits.

The largest number......9,865,421............... آكبر

The smallest number......1,245,689............... اصغر

----

3. Approximate the (largest) number to the nearest hundred thousand. قرب آكبر رقم الى

The number to the nearest hundred thousand φ ....9,900,000....

القيمة **4. The value of the first digit from the left in the largest number =** 9,000,000

----

5. The difference between the largest and smallest number = ...8,619,732

$$9,865,421$$
$$\ominus \quad 1,245,689$$
$$\overline{\quad 8,619,732 \quad}$$

الفرق بين (2م) Subtract يعني

(4)

The Rams Road

Student's name: .... ‎عمر وليلا بسين‎

Class: ....

Omar and Laila watched the celebration of the reopening of Rams Road; so they collected information on this road which links Karnak Temple in the north with Luxor Temple in the south.

Help Omar and Laila to finish the following task: $1 \, km = (1000 \, cm)$

1. The length of the Rams Road is 2700 meters and that equals
...2......Kilometers, 700... meters

2. If the number of statues that were found was 807 in the form of the head of the Sphinx, and 250 in the form of a ram, then the total number of statues that were found = 1,057 statues .

$$807 + 250 = 1,057$$

3. If the base of each ram is in the form of a rectangle, its length is 370 cm and its width is 120 cm then its perimeter = ... cm

$$P = [L + W] \times 2 = [370 + 120] \times 2 = 490 \times 2$$
$$= 980 \, m$$

4. If the cost of restoring the statues by rams road is 240 million pounds, write this amount :

240,000,000

In the extended form = 2,00,000,000 + 40,000,000

In standard form = 240,000,000

أهرامات الجيزة (Giza Pyramids)

Student's name: ....

Class: ....

While visiting Giza Pyramids; with the help of the tour guide, you recorded the following data:

$\times 100$

Note (m) (cm)

ارتفاع

1. The height of the Great Pyramid (Khufu) 149 meters = 14900 cm.

   خوخو

2. The mass of four stones was calculated in kilograms; It was as follows:

   7 digit   7 digit   7 digit   7 digit
   8,092,561 ، 9,208,111 ، 7,534,786 ، 8,650,336

   The ascending order of the mass of these stones is:

   7,534,786 ... ، 8,092,561. ، 8,650,336 ، 9,208,111

3. If a stone covers a rectangular piece of land 12 m length and 5 m width, then the area of that piece of land = ...60....... Square meters.

   $A = L \times w = 12 \times 5 = 60 \ m^2$

4. During your trip if you ate 5 sandwiches for lunch, and the price of each one is 20 pounds, then the total price = ..100..... LE.

   $5 \times 20 = 100$

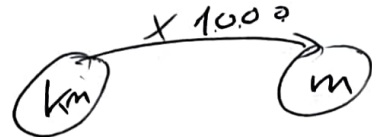**(Parade of Transporting The Royal Monuments)**

Student's name:.............
Class:.........................

Egypt was able to dazzle the world with an important event related to the ancient Egyptian monuments. Where royal monuments were transported from the Egyptian Museum to its new location in the National Museum of Egyptian Civilization.

Note *km* $\times 100$? *m*

Complete each of the following:

1. If the distance that the parade covered is 7 kilometers , then this distance in meters equals.. $7,000$ m

2. If the dimensions of one face of the monuments transporting box are 1 meter and 7 meters, then the perimeter of that face = 16....meters.

$$P = [L + w] \times 2 = [7 + 1] \times 2 = 8 \times 2 = 16 \, m$$

3. If the number of spectators for the parade was around one milliard, five millions, and fifty six thousands all over the world. Then the standard form for that number is: ....$1,005,056,000$

4. If the parade moved from the Egyptian Museum at 8:00 pm and stays 40 minutes in its path to the end. Then the time that the parade arrived at the National Museum is ..$8:40$pm

$$
\begin{array}{r}
8:00 \\
+ \quad 40 \\
\hline
8:40
\end{array}
$$

(3)

Journey to The Rams Road

اساعدك ربي وفقني لكل خير

Student's name: ....
Class: ....

Both Habiba and Salma wanted to take a trip to Luxor to see the rams road, so they started searching for transportation means and prices and they found four ways to reach Luxor (airplane, train, bus, and ship).

المسافة

1. If the <u>distance</u> from Cairo to Luxor is 670 km, then the distance between them = ... meters

670,000

$Km \times 1000 \ m$

2. If the price of going from Cairo to Luxor by the plane (but you will miss the pleasure of the road) on Egyptian Airlines is 715 pounds, then the price of going and returning = ... pounds

$715 + 715 = 1430 \ Pounds$

715
نصف الثمن
نفس التمن
الذهاب
والعودة
مرة
ذهاب

3. If it takes 5 days to go to Luxor by ship, then the number of hours in 5 days = ... hour

$5 \times 24 = 120$

$d \times 24 \ hr$ $\times 3$

4. If the bus has 76 seats and the number of train seats is 3 times the number of bus seats. Then the number of train seats = ...228......... seat

$$\begin{array}{r} 76 \\ \times \ 3 \\ \hline 228 \end{array}$$