

Subject: Mathematics

Practice 1

Name

2022-2023 1st term

Class

Date: 27/09/2022

Time allowed: 15 mins. Total no. of pages: 1

Guar

Grade: A



## A. Fill in the blanks according to the patterns.

1. 798, 800, 802, 804, 806, 8082. 450, 400, 350, 300, 250, 2003. 125, 150, 175, 200, 225

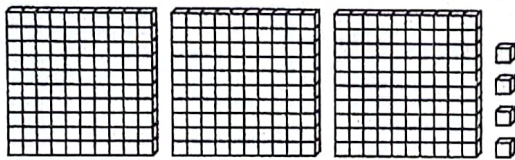
4. Arrange 155, 515, 115 and 551 from the smallest to the greatest.

115 < 155 < 515 < 5515. Use 8, 5 and 2 to form two 3-digit numbers which are less than 400.The two 3-digit numbers are 285 and 258.

## B. Write the following in words or numerals.

1. 849: eight hundred and forty-nine2. 713 Seven hundred and thirteen.

## C. Count and fill in the blanks.

The total number of cubes in the picture above is 304.This number is read as three hundred and four.In this number, '3' is in the hundreds place, it stands for 300.'0' is in the tens place, it stands for 0.

## D. Calculate.

1.  $355 + 28$

383

$$\begin{array}{r} 355 \\ + 28 \\ \hline 383 \end{array}$$

2.  $687 + 219$

906

$$\begin{array}{r} 687 \\ + 219 \\ \hline 906 \end{array}$$

Subject: Mathematics

Practice 2

Name

2022-2023 1<sup>st</sup> term

Class

Date: 25/10/2022

Time allowed: 15 mins. Total no. of pages: 1

Gua

Grade:



## A. Calculate.

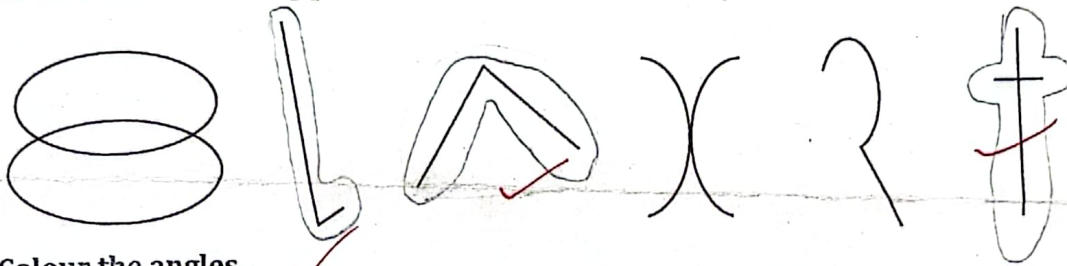
1. $396 + 97 + 488$ $= 493 + 488$ $= 981$ ✓	$\begin{array}{r} 396 \\ + 97 \\ \hline 493 \\ + 488 \\ \hline 981 \end{array}$ ✓	2. $91 - 27 - 49$ $= 64 - 49$ $= 15$ ✓	$\begin{array}{r} 91 \\ - 27 \\ \hline 64 \\ - 49 \\ \hline 15 \end{array}$ ✓
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## B. Fill in the blanks with the numbers below to make reasonable expressions.

73      82      69      45      37

1.  $73 - 36 = 37$  ✓      2.  $69 - 45 = 24$  ✓

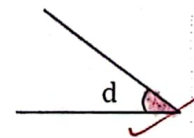
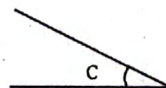
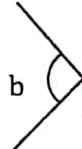
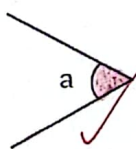
## C. Circle all the following pairs of lines that can form angles.



## D. Colour the angles.

The smaller angle:

The larger angle:



## E. Solve the problem.

1. A toy factory produces 247 toy planes every day. Toy cars are 179 pieces more than toy planes. Toy boats are 384 pieces more than toy cars. How many toy planes are produced from Thursday to Saturday in total?

No. of toy planes produced from Thursday to Saturday in total:  
 $(247 + 247 + 247)$  toy planes  
 $= 494 + 247$  toy planes  
 $= 741$  toy planes

$$\begin{array}{r} 247 \\ + 247 \\ \hline 494 \\ + 247 \\ \hline 741 \end{array}$$

$247$  toy planes +  $247$  toy planes +  $247$  toy planes  
 $= 494$  toy planes +  $247$  toy planes  
 $= 741$  toy planes



Subject: Mathematics

Practice 3

Name: \_\_\_\_\_

2022-2023 1st Term

Class: \_\_\_\_\_

Date: 04/11/2022

Time allowed: 15 mins.

Total no. of pages: 1

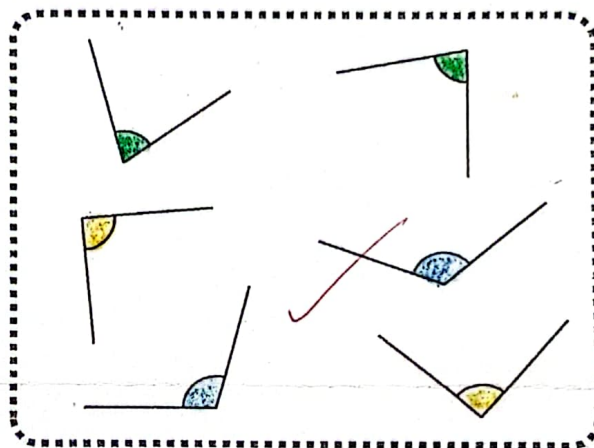
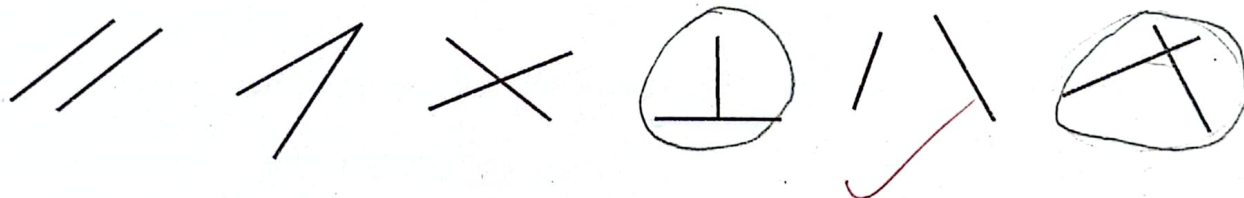
Grade: \_\_\_\_\_

**A. Calculate.**

1. $189 + 99 + 374$ $= 288 + 374$ $= 662$	$\begin{array}{r} 189 \\ + 99 \\ \hline 288 \\ + 374 \\ \hline 662 \end{array}$	2. $91 - 19 - 38$ $= 72 - 38$ $= 34$	$\begin{array}{r} 91 \\ - 19 \\ \hline 72 \\ - 38 \\ \hline 34 \end{array}$
3. $(452) + 259 = 701$	4. $83 - (56) = 27$		

**B. Follow the instructions and colour the angles.**

1. Colour right angles yellow.
2. Colour acute angles green.
3. Colour obtuse angles blue.

**C. Circle each pair of perpendicular lines below.****D. Problem.**

1. Jane has 276 pieces of red craft paper. She has 197 more pieces of yellow craft paper than red craft paper. How many pieces of red and yellow craft paper are there altogether?

No. of pieces of red and yellow craft paper altogether:

$$(276 + 197 + 276) \text{ craft paper}$$

$$= (473 + 276) \text{ craft paper}$$

$$= 749 \text{ craft paper}$$

$$\begin{array}{r} 276 \\ + 197 \\ \hline 473 \\ + 276 \\ \hline 749 \end{array}$$

Page 1 of 1

$$(276 + 197 + 276) \text{ pieces of red and yellow craft paper}$$

$$= (473 + 276) \text{ pieces of red and yellow craft paper}$$

$$= 749 \text{ pieces of yellow craft paper}$$

Subject: Mathematics

Practice 4

Name: \_\_\_\_\_

2022-2023 1<sup>st</sup> term

Class: \_\_\_\_\_

Date: 06/12/2022

Time allowed: 15 mins.

Total no. of pages: 1

Gu

Grade: \_\_\_\_\_



A. Which expression on the left can be matched with the expression on the right?

Write the letters in the boxes.

1.  $6 + 6 + 6$

2.  $3 + 3 + 3 + 3 + 3 + 3$

3.  $3 + 3 + 3$

4.  $6 + 6 + 6 + 6 + 6 + 6$

C
D
A
B

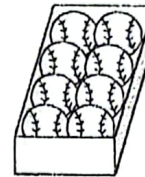
A. 3 threes

B. 6 times 6

C.  $6 \times 3$ 

D. Adding up 6 threes

B. Look at the picture and fill in the blanks.

Each box has 8 balls. 4 boxes have 32 balls in total.Show this by addition:  $8 + 8 + 8 + 8 = 32$ Show this by multiplication:  $8 \times 4 = 32$ 

C. Write the missing numbers.

1. $4 \times 6 = (24)$	2. $7 \times 8 = (56)$	3. $10 \times 9 = (90)$
4. $5 \times 7 = (35)$	5. $0 \times 5 = (0)$	6. $2 \times 6 = (12)$
7. $4 \times (4) = 16$	8. $(8) \times 6 = 48$	9. $3 \times (9) = 27$

D. Solve the problem.

1. Each keyring costs \$7. Joe buys half a dozen of keyrings. How much does he need to pay?

Amount he needs to pay:

$$\begin{array}{r} \$7 \times 6 \\ = \$42 \end{array}$$

$$\begin{array}{r} 7 \\ \times 6 \\ \hline 42 \end{array}$$



Subject: Mathematics

Test 1

Name: \_\_\_\_\_

2022-2023 1st term

Class 2

Date: 11/10/2022

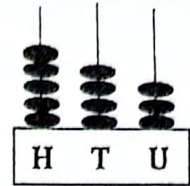
Time allowed: 35 mins. Total no. of pages: \_\_\_\_\_

Total score: 100



## A. Look at the abacus and fill in the blanks. 9%

This number is written as 543 ✓  
 It is read as five hundred and forty-three ✓  
 5 is in the hundreds place. It stands for 500 ✓  
 3 is in the units place. It stands for 3 ✓



## B. Fill in the blanks. 25%

- 225, 250, 275, 300, 325, 350 ✓
- 510, 490, 470, 450, 430, 410 ✓
- Count backwards and write down the numbers from 122 to 119.  
119, 120, 121, 122, 123, 120, 119 ✓
- David saves \$50 every week. Betty saves \$100 every week. They save for 3 weeks.  
 They save \$ 250 in total. 450 ✓
- In a 3-digit number, the digit in the hundreds place must not be 0 ✓
- The digit in the units place of the greatest 3-digit even number will be 8 ✓
- Arrange 791, 971, 179 and 719 from the greatest to the smallest.  
971 > 791 > 719 > 179 ✓

- Use 5, 6 and 5 to form three 3-digit numbers. 655, 556, 565 ✓

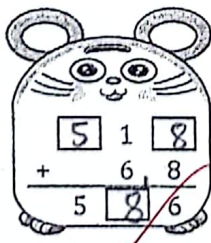
Arrange the above 3 numbers from the smallest to the greatest. 556 < 565 < 655 ✓

## C. Write the following in numerals or in words. 12%

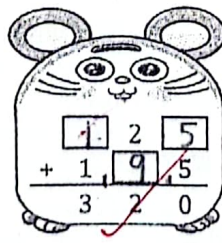
680 ✓	Six hundred and eighty
216 ✓	Two hundred and sixteen
357	Three hundred and <u>forty</u> -seven ✓
112	One hundred and <u>twelve</u> ✓

## D. Fill in the blanks. 6%

1.



2.




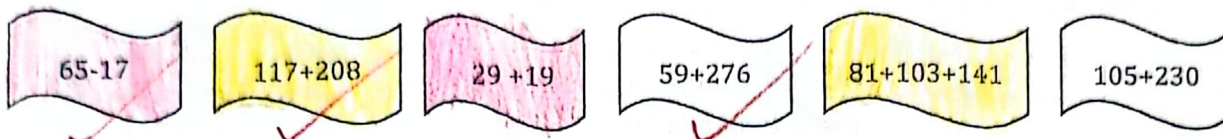
E. Fill in the blanks with the numbers on the balls to make reasonable expressions. 8%



(1)  $\boxed{256} + \boxed{179} = 435$

(2)  $\boxed{305} - 116 = \boxed{189}$

F. Colour  with the same result in the same colour. 9%



G. Do the following. 19%

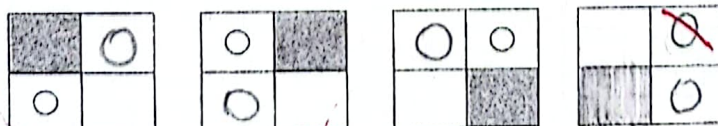
1. $307 + 78 + 466$ $= 385 + 466$ $= 851$	$\begin{array}{r} 307 \\ + 78 \\ \hline 385 \\ + 466 \\ \hline 851 \end{array}$	2. $81 - 28$ $= 53$	$\begin{array}{r} 81 \\ - 28 \\ \hline 53 \end{array}$	$\begin{array}{r} 81 \\ - 28 \\ \hline 53 \end{array}$
3. $(74) - 24 = 50$	4. $84 - (46) = 38$	5. $193 + (26) + 39 = 258$		

H. Solve the problems. 12%

1. Each adult ticket costs \$235 and each child ticket costs \$118. How much do an adult ticket and a child ticket cost altogether? Cost of an adult ticket and a children ticket altogether: $\$235 + \$118$ $= \$353$	$\begin{array}{r} 235 \\ + 118 \\ \hline 353 \end{array}$
2. There are 188 toy planes in a toy factory. There are 109 more pieces of toy cars than toy planes. There are 356 more pieces of toy boats than toy cars. How many toy boats are there in the toy factory? No. of toy boats in the toy factory: $(188 + 109 + 356)$ toy boats $= 653$ toy boats $(188 + 109 + 356)$ toy boats $= (297 + 356)$ toy boats $= 653$ toy boats	$\begin{array}{r} 188 \\ + 109 \\ \hline 297 \\ + 356 \\ \hline 653 \end{array}$

I. Challenging question. +2%

Study the pattern below. Draw the shape that comes next in the pattern.





Subject: Mathematics

Test 2

Name: 

022-2023 1st term

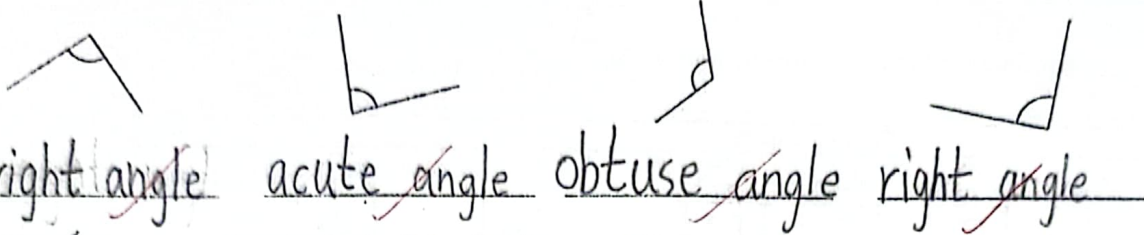

Class 2

Date: 15/11/2022

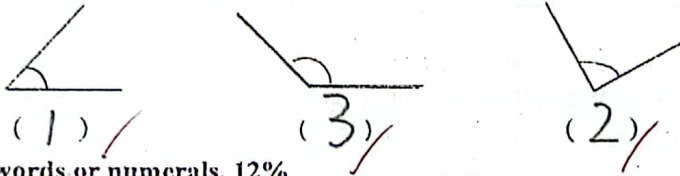
Time allowed: 35 mins.

Total score: 100

A. Name the following angles. (right angle, acute angle or obtuse angle) 4%

B. Use  to mark all angles in the following figures. 10%

C. Compare the sizes of the angles below. Write number 1 to 3 in the brackets. ("1" represents the smallest, "3" represents the biggest) 6%



D. Write in words or numerals. 12%

1) 258	two hundred and fifty-eight ✓
2) 112	one hundred and twelve ✓
3) 716 ✓	seven hundred and sixteen
4) 499 ✓	four hundred and ninety-nine

E. Fill in the blanks. 16%

- 1) 350, 400, 450, 500, 550, 600
- 2) 700, 600, 500, 400, 300
- 3) 230, 250, 270, 290, 310
- 4) Arrange the following digits "2", "0" and "7" to form different 3-digit numbers.  
702, 720, 207, 270

F. Do the following. 17%

1. $186 + 278$ <u><u>464</u></u> ✓	$\begin{array}{r} 186 \\ + 278 \\ \hline 464 \end{array}$ ✓	2. $70 - 18 - 26$ $\begin{array}{r} 70 \\ - 18 \\ \hline 52 \\ - 26 \\ \hline 26 \end{array}$ ✓	$\begin{array}{r} 70 \\ - 18 \\ \hline 52 \\ - 26 \\ \hline 26 \end{array}$ ✓
3. $60 + 40 + (86) = 186$	4. $63 - (25) = 38$	5. $(90) - 57 = 33$	

G. Show the lines that are perpendicular to each other in the same colour. 8%

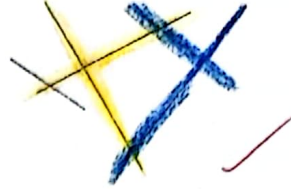
1.



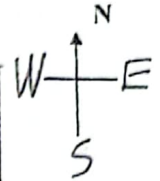
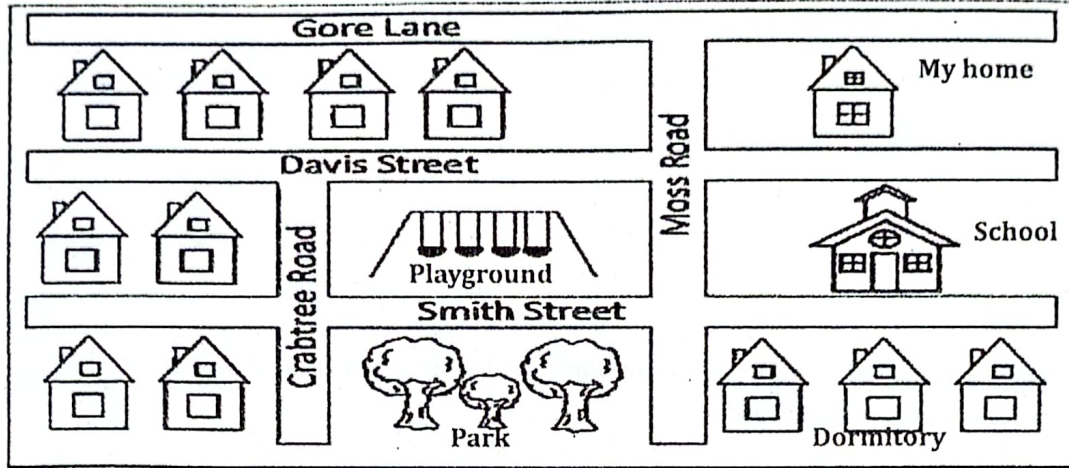
2.



3.



H. Fill in the blanks with the following map. 15%



1. My home is to the north of the school.
2. The park is to the south of the playground.
3. The dormitory is to the south of my home.
4. The school is to the east of the playground.
5. The park is to the west of the dormitory.

I. Solve the problem. 12%

1. There are 125 cows in the farm. There are 84 more sheep than cows. How many animals are there in the farm altogether?

No. of animals in the farm altogether:

$$(125 + 84 + 125) \text{ animals} \\ = (209 + 125) \text{ animals} \\ = 334 \text{ animals}$$

$$\begin{array}{r} 125 \\ + 84 \\ \hline 209 \\ + 125 \\ \hline 334 \end{array}$$

2. A shopping mall prepares 82 gifts for the customers. 54 gifts are given out in the morning and 18 gifts in the afternoon. How many gifts are left?

No. of gifts left:

$$82 \text{ gifts} - 54 \text{ gifts} - 18 \text{ gifts} \\ = 24 \text{ gifts} - 18 \text{ gifts} \\ = 6 \text{ gifts}$$

$$\begin{array}{r} 82 \\ - 54 \\ \hline 24 \\ - 18 \\ \hline 6 \end{array}$$

J. Challenging question. +2%

$$* + * + * + * + * = 48$$

$$* + * + \blacklozenge = 44$$

$$* = (12)$$

$$\blacklozenge = (20)$$



Subject: Mathematics

Test 3

Name: \_\_\_\_\_

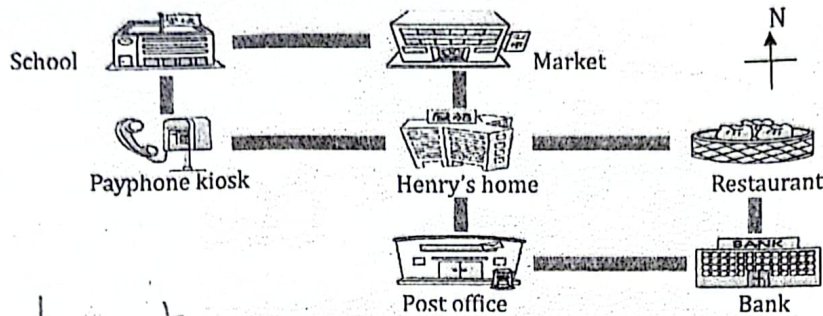
2022-2023 1st term

Class 2

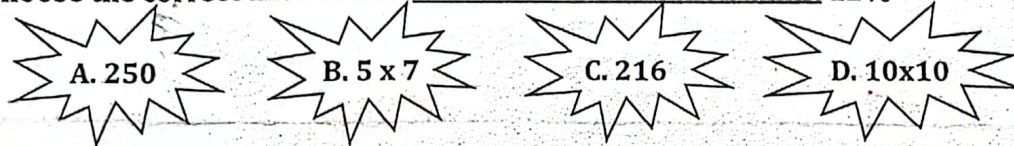
Date: 13/12/2022

Time allowed: 35 mins. Total no. of pages: 2

Total score: 100

**A. Look at the map and fill in the blanks. 18%**

1. The restaurant is to the north of the bank.
2. Henry's home is to the south of the market.
3. After Henry leaves the school, he goes south to the payphone kiosk to make a phone call. Then he goes east to home Henry's home.
4. After Henry leaves the post office, he goes east to the bank. Then he goes north to the restaurant.

**B. Choose the correct answer and write the letters in the blanks. 12%**

1. $120 - 75 - 10 = ( \text{B} )$	2. $90 + 180 - 20 = ( \text{A} )$
3. $18 + 155 - 73 = ( \text{D} )$	4. $300 - 150 + 66 = ( \text{C} )$

**C. Form numbers and arrange them in order. 7%**

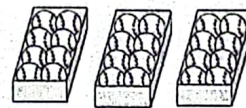
1. Use 9, 0, 6 to form three-digit numbers: 609 690 906 960
2. Arrange the four numbers from the smallest to the largest: 609 690 906 960

**D. Look at the pictures and fill in the blanks. 8%**

1. How many balls are there altogether in the picture on the right?

a. Show by addition:  $8 + 8 + 8 = 24$

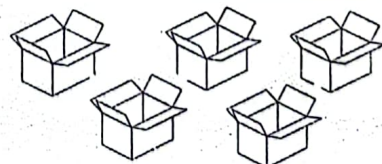
b. Show by multiplication:  $8 \times 3 = 24$



2. How many eggs are there altogether in 5 boxes?


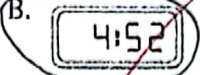
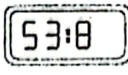

a. Show by addition:  $0 + 0 + 0 + 0 + 0 = 0$

b. Show by multiplication:  $0 \times 5 = 0$

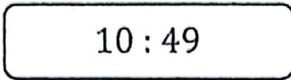
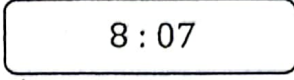
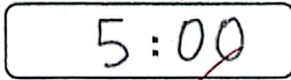
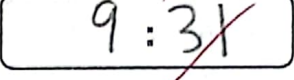
**E. Write the missing numbers. 18%**

1. $6 \times 7 = ( 42 )$	2. $9 \times 8 = ( 72 )$	3. $4 \times 9 = ( 36 )$
4. $7 \times ( 5 ) = 35$	5. $( 8 ) \times 8 = 64$	6. $6 \times ( 10 ) = 60$

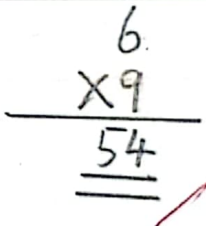
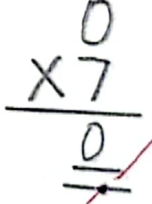
F. Circle the correct answers. 15%

- Which of the following gives a result of 18?  
A.  $1 \times 8$  B.  $2 \times 9$  C.  $3 \times 4$  D.  $4 \times 2$
- Which of the following is not the result of multiplication of 2?  
A. 2 B. 6 C. 7 D. 10
- Which of the following gives the same result as  $3 \times 8$ ?  
A.  $2 \times 4$  B.  $4 \times 6$  C.  $5 \times 5$  D.  $10 \times 2$
- Which of the following gives the result greater than 46?  
A.  $6 \times 0$  B.  $4 \times 10$  C.  $8 \times 6$  D.  $9 \times 5$
- Which of the following digital clock shows time correctly?  
A.  B.  C.  D. 

G. Write the time in words or write numbers on the digital clocks to match the time. 12%

-  1. ten forty-nine
-  2. eight o-seven
-  3. five o'clock
-  4. nine thirty-one

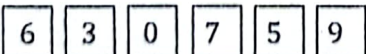


H. Solve the problems. 10%

<p>1. Each box has 9 crayons. The number of colour pencils in a box equals that of 6 boxes of crayons. How many colour pencils are there in a box?</p> <p><u>No. of colour pencils in a box:</u></p> <p><del><math>(9 \times 6)</math> colour pencils</del> <math>= 54</math> colour pencils</p> <p><del><math>(9 \times 6)</math> colour pencils</del> <math>= 54</math> colour pencils</p>	
<p>2. There are no small toys in each chocolate egg. How many small toys are there in 7 chocolate eggs?</p> <p><u>No. of small toys in 7 chocolate eggs:</u></p> <p><math>0</math> small toys <math>\times 7</math></p> <p><math>= 0</math> small toys</p>	

**\*\*Challenging question\*\*** +2%

Fill in each box with one of the number cards. Each number card can only be used once.

The largest possible value of ☆ is 671. +2

  $\rightarrow$    $-$    $=$  ☆