

MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA



Cambridge International

Term End Examination: II

Subject: Mathematics

Date: 08.04.2024

Student's Name: _____ Roll No: _____ Grade: 4

Marks: 45

Time Duration: 90 minutes

Invigilator's Sign.

Q.1. Safia starts at 52 and counts backwards in sevens. Mia starts at -10 and counts forwards in nines. Write the number that they both say. (1)

Q.2. Here is a list of numbers. Draw a ring around a common multiple of 3 and 7 (1)

1 3 7 11 13 17 21 23 27

Q.3. Draw a ring around all the fractions that are less than 50%. (1)

$$\frac{3}{10}$$

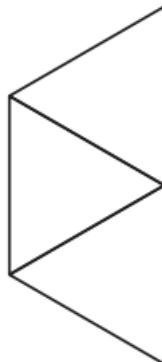
$$\frac{6}{100}$$

$$\frac{7}{10}$$

$$\frac{60}{100}$$

$$\frac{40}{100}$$

Q.4. Complete the net of triangular based pyramid. (1)



Q.5. Eva is thinking of an even number. (1)

It is a multiple of 25

It is bigger than 100

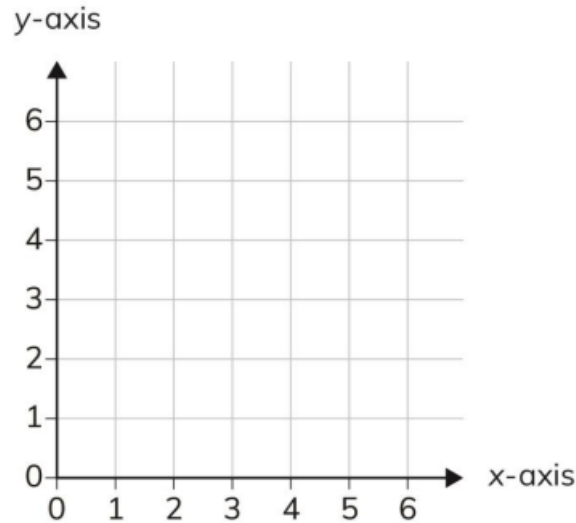
It is Less than 200.

Write Eva's number.

Q.6. Gabriella sorts some coins. She has 9 silver coins per hundred coins. Write the number of silver coins as a percentage of all the coins. (1)

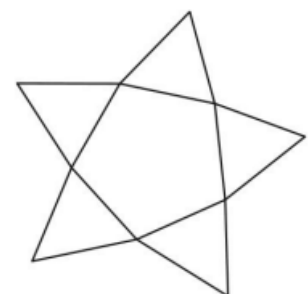
Q.7. Mark these coordinates on the grid with a cross(X). (3)

(2,2) (5,0) (0,3)




Q.8. The mass of male gorilla is 142 kg. The of a female gorilla is 46 kg. What is the difference between these masses? Show your working. (2)






Q.9. Name the shape that is made by this net. (1)



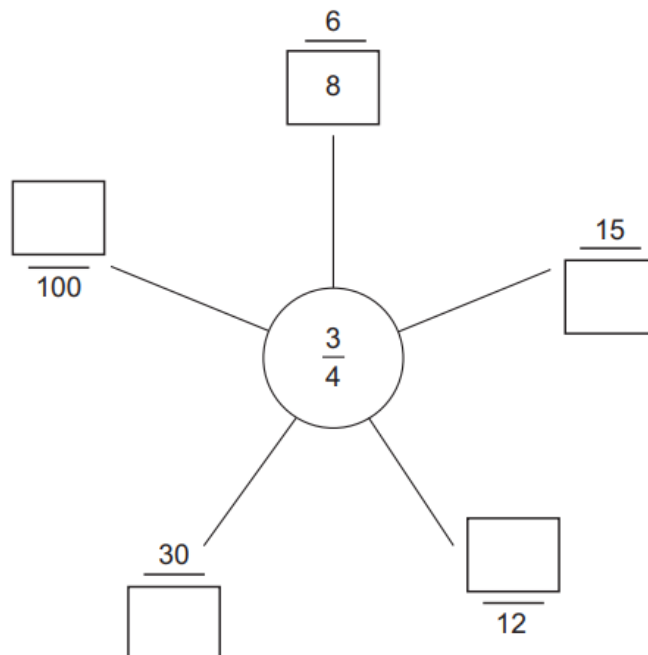
Q.10. Vincent is thinking of a 2-digit number. He says, "If I divide my number by 5 the answer is 14." What answer will Vincent get if he divides his number by 7? Show your working. (2)

Q.11. Chen and Yuri visit a park. Here is a plan of the things they see in the park. (1)

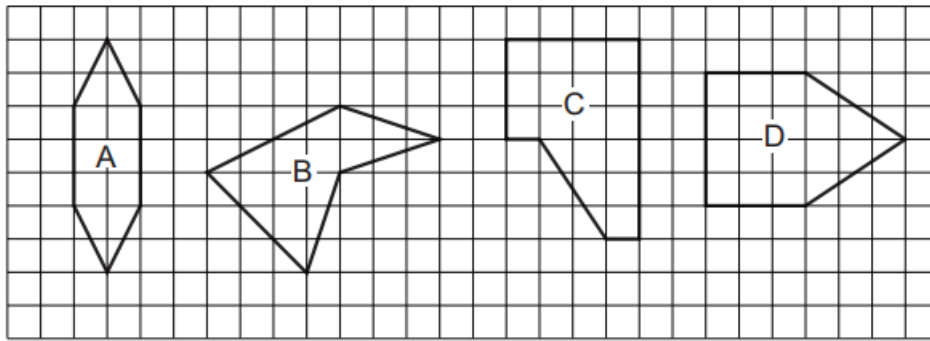
Write which square the bench  is in.

	A	B	C	D	E
1					
2					
3					
4					
5					
6					
7					

Q.12. Complete the diagram to show fraction equivalent to $\frac{3}{4}$. One has been done for you. (2)



Q.13. Here are four shapes. They each have a different number of acute angles. Write the letter of each shape in the correct order starting from smallest. (1)



Q.14. Here is a bag with ten balls numbered from 1 to 10. Mike takes one ball out of the bag without looking. Match to show how likely these outcomes are. (2)

Outcome

Likelihood

a number greater than zero

impossible

5 or more

unlikely

a square number

even chance

a multiple of 2

likely

certain

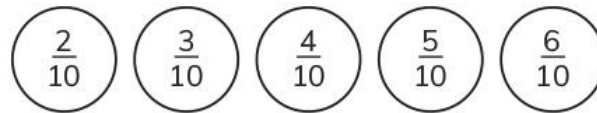


Q.15. Find the mistake. Then correct the calculation. (2)

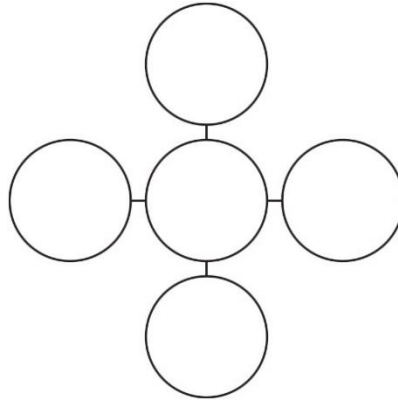
	9	9	1
-	4	3	5
	5	6	4

Q.16. Here are five number discs.

(2)



Use each disc once to complete the cross pattern. The sum of each line must be $\frac{12}{10}$.



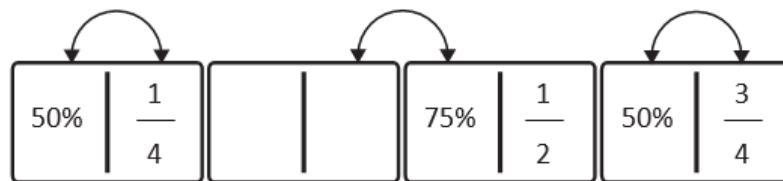
Q.17. Four Dominoes are placed in a row. One domino is missing.

(1)

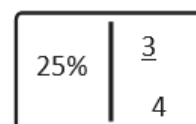
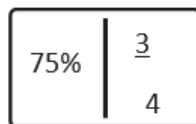
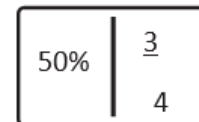
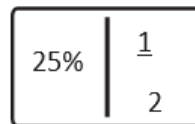
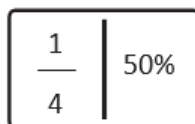
Equivalent value

Equivalent value

Equivalent value



➤ Draw a ring around the missing domino.



Q.18. A College raised \$3625 for a charity. The headline in the local paper read. (1)

COLLEGE RAISES \$4000 FOR CHARITY

Complete this sentence.

The editor of the local paper rounded \$3625 to the nearest _____.

Q.19. Draw a rectangle that has an area of 24 cm². What is the Perimeter of your rectangle? (2)



Q.20. Write all the factors of 81. Explain why there is an odd number of factors? (2)

Q.21. Write the missing numbers. (1)

$$\begin{array}{r} 928 \\ - \square 54 \\ \hline 37\square \end{array}$$

Q.22. Hassan says, ' If I add two 2-digit numbers together the answer cannot be a 4-digit number'. Is Hassan Correct? Explain your answer. (1)

Q.23. Write these temperatures in order starting with the hottest.

(1)

-12°C 2°C 12°C 21°C -21°C

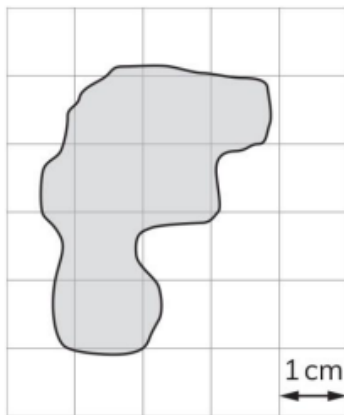
Q.24. Complete the table.

(2)

Fraction	Percentage
$\frac{1}{2}$	
	75%
$\frac{1}{4}$	

Q.25. Estimate the area covered by the stain on the cloth.

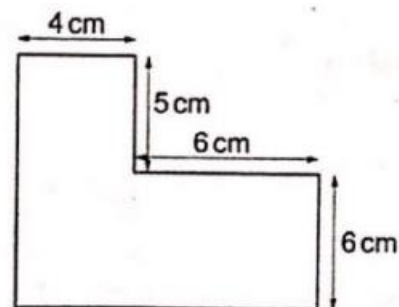
(1)



Q.26. Here is a shape made from two rectangles. Work out the area of the shape.

Show your working.

(2)



NOT TO SCALE

Q.27. Mount Everest is eight thousand, eight hundred and fifty meters high. Draw a ring around the number which shows this height in figures. (1)

885m 8805m 8815m 8850m 88050m

Q.28. The perimeter, p , of a triangle with side length, s , is written as (2)

$$p = s + 2s + 3s$$

Find the value of p if value of $s=12\text{cm}$. Show your working.

Q.29. Here is a part of sequence.

23, 17, 11,

The sequence continues in the same way. Draw a ring around all the numbers that are in the sequence. (1)

7 -2 -7 -35 -49

Q.30. A clock needs one battery to work. The battery lasts 6 weeks. Calculate the number of batteries that are needed for the clock to work for 1 year. (2)

A box contains 30 batteries. These are used in the clock. Write the number of whole weeks that the clock will work. (1)
