

# MOUNT CARMEL INTERNATIONAL SCHOOL, AKOLA



## Cambridge International

Term End Examination: II

Subject: Mathematics

Date: 10.04.2024

Student's Name: \_\_\_\_\_ Roll No: \_\_\_\_\_ Grade: 3

Marks: 40

Time Duration: 90 minutes

Invigilator's Sign.

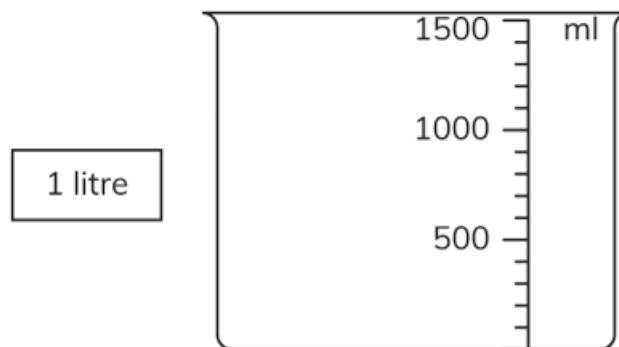
**Q.1. Complete the multiplication grid.**

**(2)**

$\times$	8	9	10
4			
5			
6			

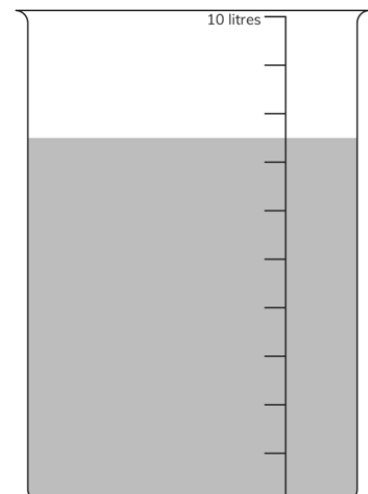
**Q.2. Draw the level of liquid on given container.**

**(1)**



**Q.3. Complete the scale. Then write down the water level to the nearest division on the scale (rounding up or down as necessary).**

**(2)**

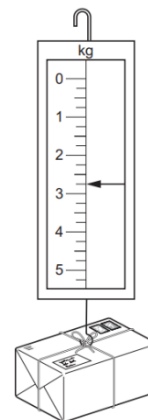


**Q.4. Use the term-to-term rule to write the next three numbers for this sequence. (1)**



15, 26, 37, 48, 59, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**Q.5. Here is a parcel on a spring scale. Write the mass of the parcel. (1)**

\_\_\_\_\_ grams



**Q.6. Here is a table showing the heights of different Dinosaurs. Convert each measurement into meters. (1)**

Dinosaur	Height in cm	Height in m
 Diplodocus	500	
 Velociraptor	50	

**Q.7. Here is a part of the sequence. (1)**

22, 28, 34

The sequence continues in the same way. Write the first number in the sequence that is greater than 60.

\_\_\_\_\_

**Q.8. Here is a picture of 3D city. Write all the names of the 3D shapes used in this city. (1)**



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**Q.9. John collects 36 mangoes. He sells 12 of these mangoes. What fraction of mangoes he sells. (1)**

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**Q.10. Draw and color the pattern with horizontal line of symmetry using. (2)**

Squares

Triangles

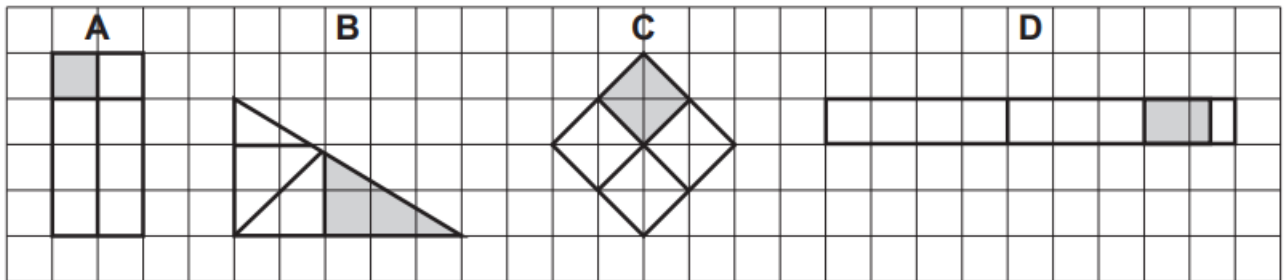
Pentagons

A large empty rectangular box for drawing and coloring a pattern with a horizontal line of symmetry using squares, triangles, and pentagons.



**Q.13. A baker puts 72 cookies into bags. He puts 4 cookies in each bag. How many bags does he need? Show your working. (2)**

**Q.14. Here are four diagrams. (2)**



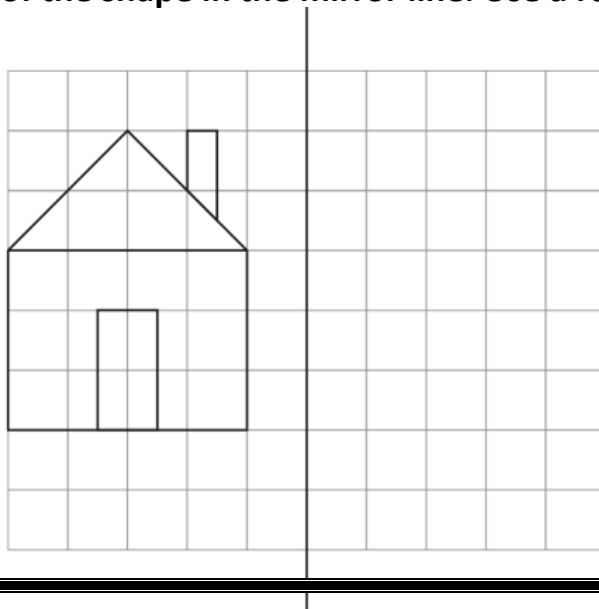
a. Which diagram shows one quarter?

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b. Explain why?

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**Q.15. Draw the reflection of the shape in the mirror line. Use a ruler. (1)**



Q.16. Put these fractions in order starting with the smallest.

(1)

$$\frac{1}{4} \quad \frac{1}{5} \quad \frac{1}{2} \quad \frac{1}{10}$$

Q.17. A shop has a sale. The sale starts when the shop opens on 5th May. The sales ends when the shop closes on 22nd May. Write the number of days the sale lasts. (1)

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Q.18. Paul has these coins. A Pencil cost 35cents. Write all the different ways that Paul could pay for one pencil using his coins. (1)



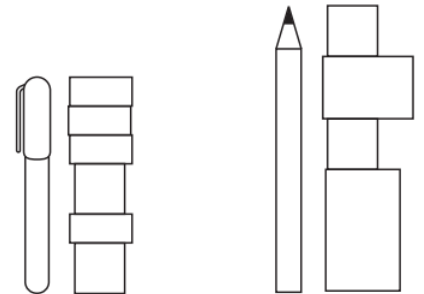
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Q.19. Sam uses blocks to measure his pen and pencil.

(1)

He says, "The pen measures six blocks and the pencil measures four blocks. That cannot be right. I can see that the pencil is longer than the pen." Explain how Sam could improve his method to give the Correct answer.

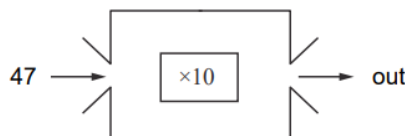


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Q.20. Here is a function machine. 47 is put into the machine. Write the number that comes out of the machine. (1)

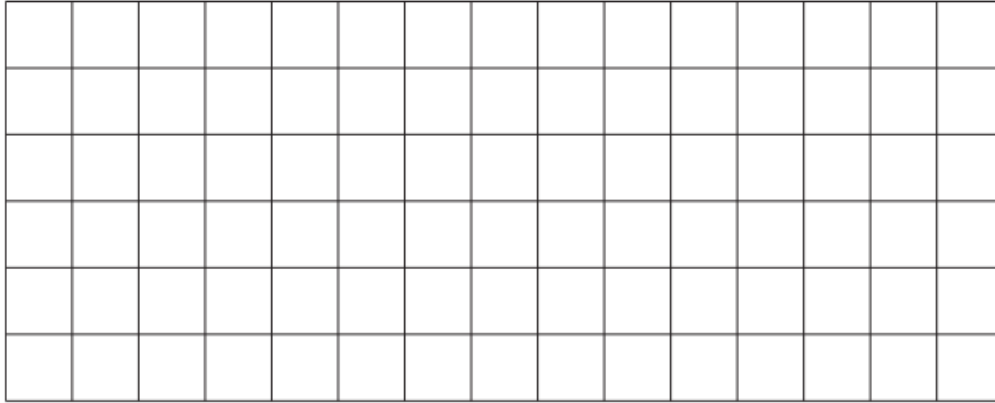


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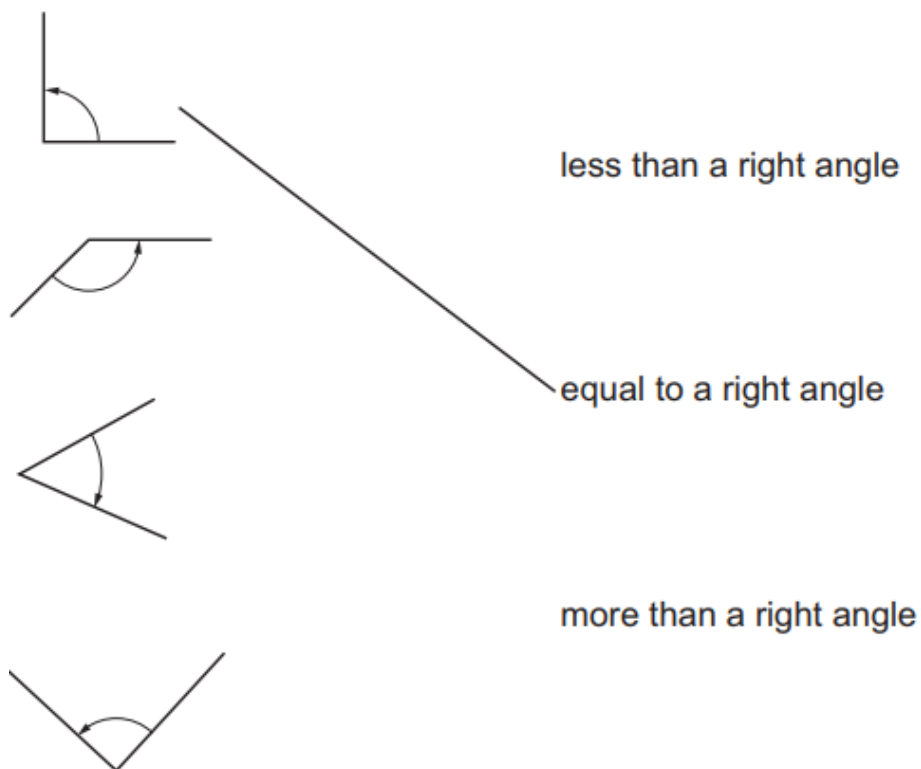
**Q.21. A gardener plants 36 seeds. One third of seeds do not grow. Write the number of seeds that do grow. (1)**

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**Q.22. Use the grid of squares to draw the square of area  $28\text{cm}^2$ . (1)**



**Q.23. Draw a line to match each angle to the correct description. One has been done for you. (1)**



less than a right angle

equal to a right angle

more than a right angle

**Q.24. Jingyi's bucket holds 4 litres. It has a hole at the bottom and leaks 500ml of water for every metre that she walks. How far will Jingyi walk before the bucket is empty? (1)**

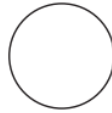
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**Q.25. Here are the six shapes.**

**(2)**



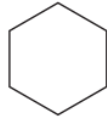
rectangle



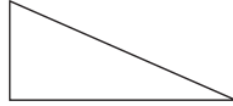
circle



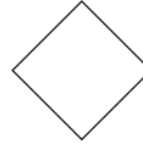
pentagon



regular hexagon



triangle



square

**Write the name of each shape in the correct place in the Carroll diagram.**

	Has a line of symmetry	Does not have a line of symmetry
Has 4 or more vertices		
Does not have 4 or more vertices		

**Q.26. Estimate and then solve this calculation. Show your method.**

**(2)**

a.  $468 + 268$



**Q.27. Multiply 6,5 and 8 together in any order that you choose. Show your method. (1)**

**Q.28. Use diagram to help you complete each calculation. Estimate before you calculate. Draw a ring around your estimate. (2)**

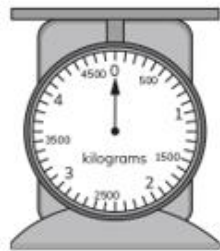
a.  $\frac{3}{5} + \frac{2}{5} = \frac{\square}{\square}$

estimate:  $< \frac{1}{2}, = \frac{1}{2}, > \frac{1}{2}$

b.  $\frac{3}{4} - \frac{1}{4} = \frac{\square}{\square}$

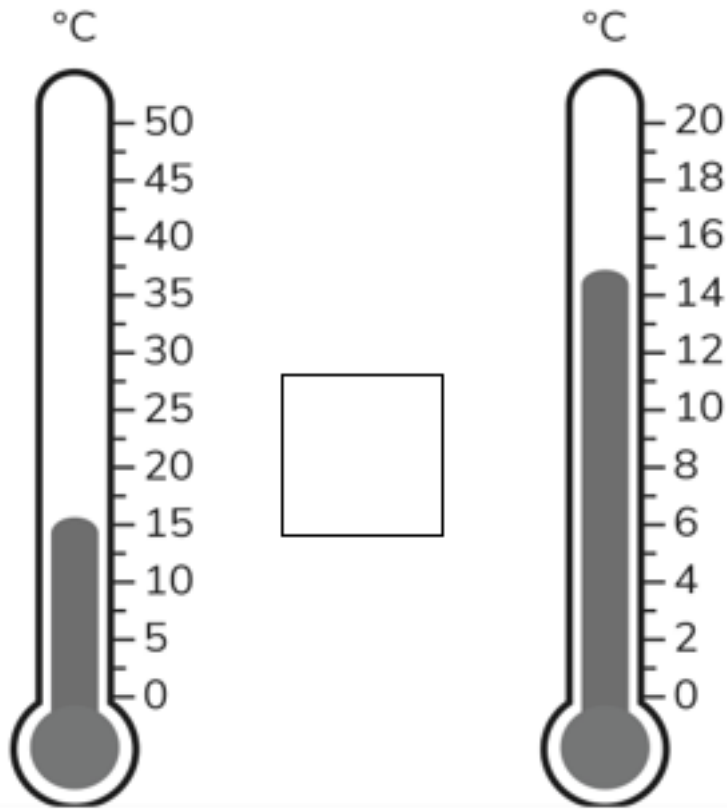
estimate:  $< \frac{1}{2}, = \frac{1}{2}, > \frac{1}{2}$

**Q.29. Draw the ring around the object that you would use to measure temperature. (1)**



Q.30. Use  $<$ ,  $>$  or  $=$  to compare the temperatures.

(1)



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