Rosary School \ Marj Elhamam

Name : …… Date : / 9 / 2025

Subject: Worksheet (1) / chapter (1) Grade : 5 ( )

Place Value

Q1: a) Fill in the blanks.

In the number 7.354, the digit _____is in the thousandths place.

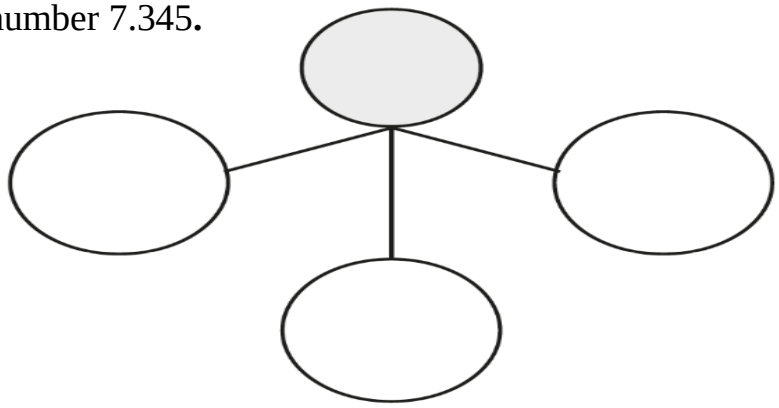
It stands for _____.

Its value is _____ .

b) show 7.345 in the place – value chart.

1s (ones)	$\frac{1}{10}s$ (tenths)	$\frac{1}{100}s$ (hundredths)	$\frac{1}{1000}s$ (thousandths)

c) Regroup the number 7.345.



d) i. 0.26 = ... tenths + ... hundredths

ii. ..... ones + ... tenths + ... thousandths = 33.405

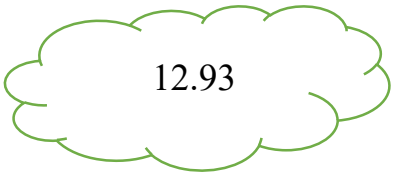
iii. 12 ones + 44 thousandths = ...

iv. 34 + ... + 0.005 = 34.445

v. 3.67 = …….. ones + …… hundredths

vi. 56.93 = 56.9 + ...

Q2: Match the number 12.93 to **all** correct regrouping of it.



129 tenths and 3 hundredths

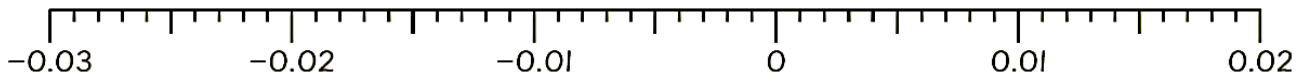
12 ones and 93 tenths

1 ten 2 ones and 93 hundredths

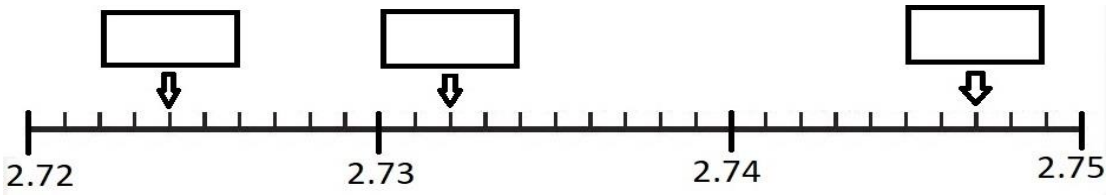
193 hundredths

Q3: Mark the following decimals on the number line.

0.006 **0.013** **-0.017** **-0.029**



Q4: Find the decimal that each labelled point represents.



Q5: Rick is thinking of a number with **3 decimal places**.

It has 4 digits and they are all different even numbers.

The digit in the thousandths place is half the digit in the hundredths place.

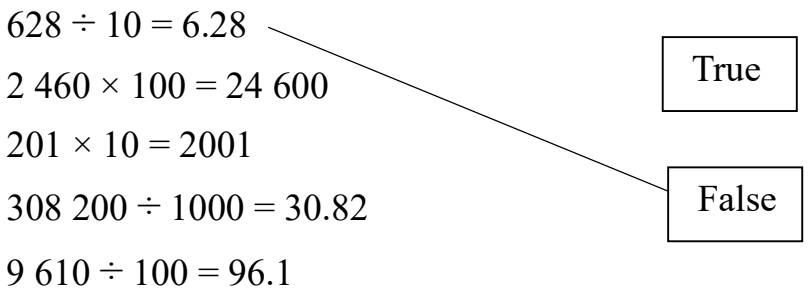
The digit in the ones place is 3 times the digit in the tenths place.

What is the number?

— · — — —

Q6: Draw a line from each equation to show if it is true or false.

The firs one has been done for you.



Q8: Tick (✓) **all** the statements that could be regrouped as **32.23**

30 + 2.1 + 0.13	☐
20 + 2.1 + 1.13	☐
30 + 12.1 + 1.13	☐
20 + 12.1 + 0.13	☐

Q9: Multiply or divide.

a) 7.442 × 10 = _____

b) 3.6 ÷ 100 = _____

c) 202.3 × 100 = _____

d) 24 ÷ 10 = _____

e) 18.033 × 1000 = _____

f) 430 ÷ 1000 = _____

Q10: Fill in the blanks.

a) 52 = _____ × 1000

b) 1000 × _____ = 11603

c) _____ ÷ 1000 = 0.707

d) _____ ÷ 1000 = 6.528

Q11: Which statements below are wrong? Spot and correct the errors.

Statement	Correct or wrong	Correction
a) 75.23 × 10 = 7523		
b) 445.1 ÷ 100 = 4.451		
c) 9.658 × 1000 = 9658000		
d) 377 ÷ 10 = 0.377		

Q12: Round each of the following to the nearest whole number.

a) 1.72 _____ **b)** 4.37 _____

c) 6.08 _____ **d)** 9.65 _____

Q13: Round each of the following to the nearest tenth.

a) 0.62 _____ **b)** 8.96 _____

c) 3.49 _____ **d)** 6.24 _____

Q14: The cost of 1 pencil is **$0.18**.

a) What is the cost of 10 similar pencils? **$**_____

b) What is the cost of 100 similar pencils? **$**_____

Q15: Draw a ring around all numbers that become **10.6** when rounded to the nearest tenth.

10.54 **10.58** **10.62** **10.65**

Q16: Anastasia chooses a number with **exactly** two decimal places.

She rounds it to the nearest tenth.
Her answer is 9.0
Write a number that Anastasia could choose.

☐ . ☐ ☐

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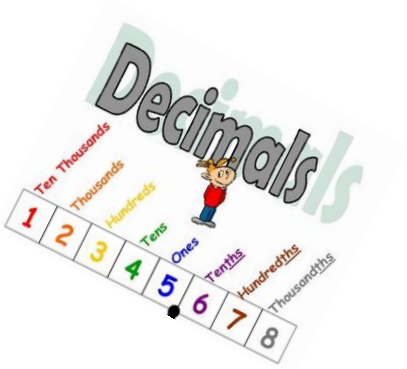
Name: _____ Date : / 9 / 2025

Subject: Worksheet (2) / chapter (2) Grade : 5 ( )

The Number System

❖ 2.A Count on and back



Q1: a) Count on in 0.5s.

0.2 , 0.7 , 1.2 , _____ ,_____

b) Count back in 0.02s.

0.09 , 0.07 , 0.05 , _____ , _____

c) Count back in 0.005s.

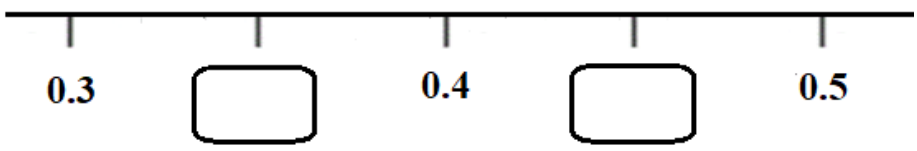
0.006 , 0.001 ,_____ , _____ , _____

d) Count on in $\frac{1}{9}$s.

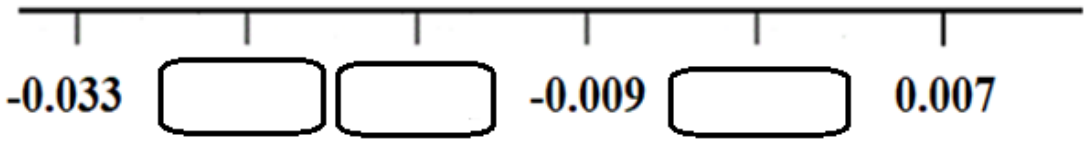
$\frac{2}{9}$, _____ , _____ , $\frac{5}{9}$, $\frac{6}{9}$

Q2: Fill in the blanks.

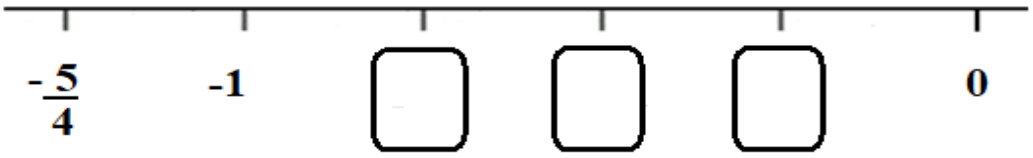
a) Count on in 0.05s.



b) Count on in 0.008s.



c) Count on in $\frac{1}{4}$ s.



Q3: a) Write the missing numbers in the boxes to complete the sequence.

$$\frac{17}{7}, \frac{\square}{\square}, \frac{\square}{\square}, \frac{5}{7}, \frac{1}{7}$$

b) The sequence continues in the same way.
What is the first negative term in the sequence?

Q4: Here are six measurements.

1.6 Kg , 2.2 Kg , 2.8 Kg , 2.5 Kg , 3.1 Kg , 1.9 Kg

a) Use the numbers given to form an increasing sequence.

_____ ,_____ , _____ ,_____ , _____ ,_____

b) Describe the pattern you observed.

_____

Q5: The height of the sixth step in a pool is $\frac{16}{3}$ m **below** the water level.

It increases $\frac{2}{3}$ m each time.

a) How many meters below the water level is the first step? _____

b) Could the height of a step in the pool be $\frac{7}{3}$ m below the water level?

Why or why not?

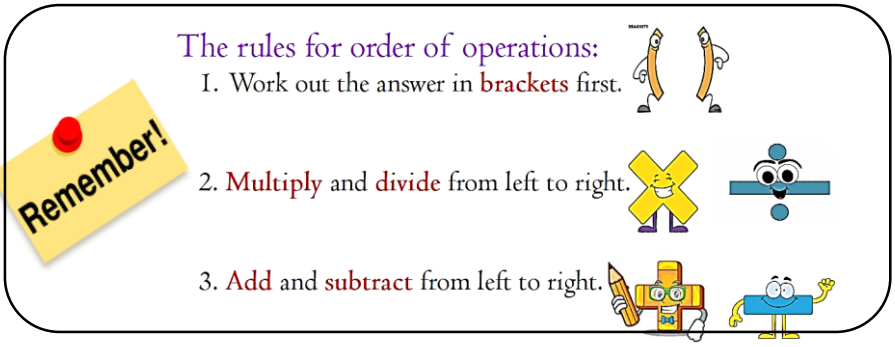
_____

_____

_____

_____

❖ 2.B Use the order of operations



Q6 :

While sorting some buttons, Trudy put 42 buttons in the first box, 50 buttons in the second box, 58 buttons in the third box, 66 buttons in the fourth box, and 74 buttons in the fifth box. If this pattern continues, how many buttons will Trudy put in the sixth box?

_____

Q7: Use the order of operations to fill in the blanks.

a) 4 × 22 × 5 – 20

= 22 × _____ × _____ – 20 Use the **commutative law** of multiplication.

= 22 × _____ – 20 Use the **associative law** of multiplication.

= _____ – 20 Do **multiplication** before **subtraction.**

= _____

b) 22 + 18 + 4 × 2

= 22 + 18 + _____ Do **multiplication** before **addition**.

= 22 + _____ + 18 Use the **commutative law** of addition.

= _____ + _____

= _____

c) $400 - 32 \times 12$

$= 400 - 32 \times$_____ $- 32 \times 2$ Use the **distributive law**.

$= 400 -$_____ $-$ _____ Do **multiplication** before **subtraction**.

= _____ – _____

= _____

Q8: Use the **law of arithmetic** to solve the following equations.

a) $10 + 5 \times 28 \times 2 =$

b) $16 \times 5 - 60 =$

c) $110 \times 13 - 1400 =$

d) $192 - 4 \times 9 \times 5 =$

❖ 2.C Use Brackets

Q9: Draw a ring around the letters of the expressions that give the same answer.

a) $2 \times (35 + 15) + 20$

b) $(100 - 44) + 16 \times 4$

c) $140 - (120 \div 6)$

d) $(9 \times 8) - 12 \times 2$

Q10: Mel has 38 blue pens and 22 green pens.
She puts all the pens equally into 2 drawers.
How many pens are there in each drawer?
This word problem can be solved using only one equation. Write the equation.

_____

Q11: Insert brackets to make each statement true.

a) $4 + 6 \times 9 + 3 = 76$

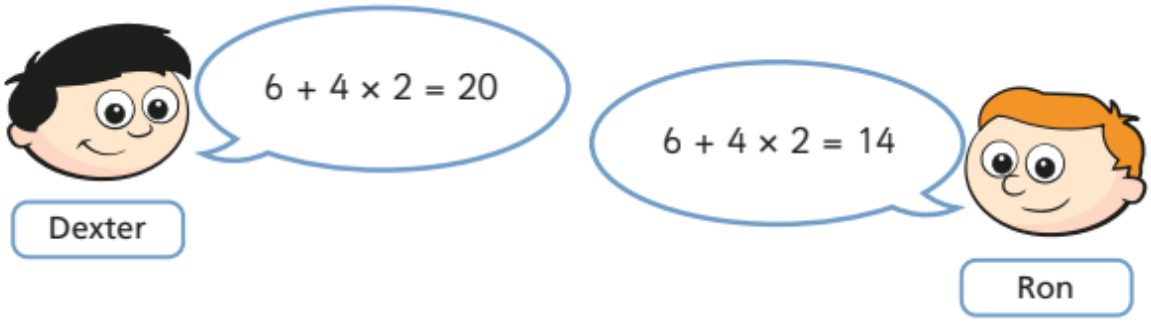
b) $70 - 20 \div 5 + 4 = 14$

c) $6 \times 10 + 20 - 4 \times 3 = 108$

Q12: Saif works at a restaurant. He earns $20 every hour.
He works on weekdays for 8 hours a day.
After working for 9 weeks, he will receive an additional payment of $120.
How much will he earn in 9 weeks?

$_____

Q13: Dexter and Ron are completing the same calculation.



Who is correct? _____

Explain your answer.

_____

Q14: Rasha goes shopping with £20.
She spends £4 on a book and buys 5 magazines each costing £3.
Tick the calculations that show how much money she has left in pounds.

$20 - 4 + 5 \times 3$	$20 - (4 + 5) \times 3$	$20 - (4 + 5 \times 3)$
$20 - 4 - 5 \times 3$	$20 - 5 \times 3 + 4$	$20 - (5 \times 3 + 4)$

Teachers: Rand Haddadin, Rand Haddad and Qusie Hijazeen

Rosary School \ Marj Elhamam

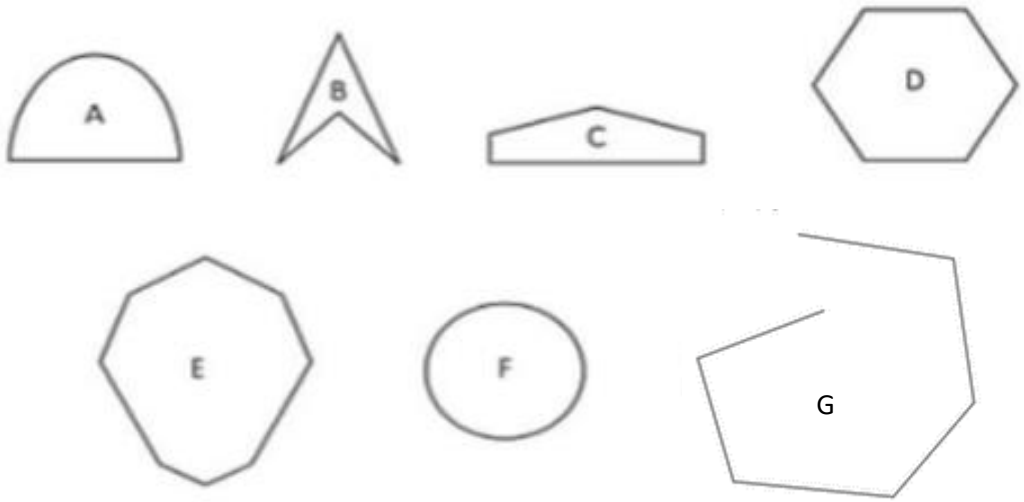
Name : _____ Date : / 10 / 2025

Subject: Worksheet (3) / chapter (3) Grade : 5 ( )

2D Shapes and Angles

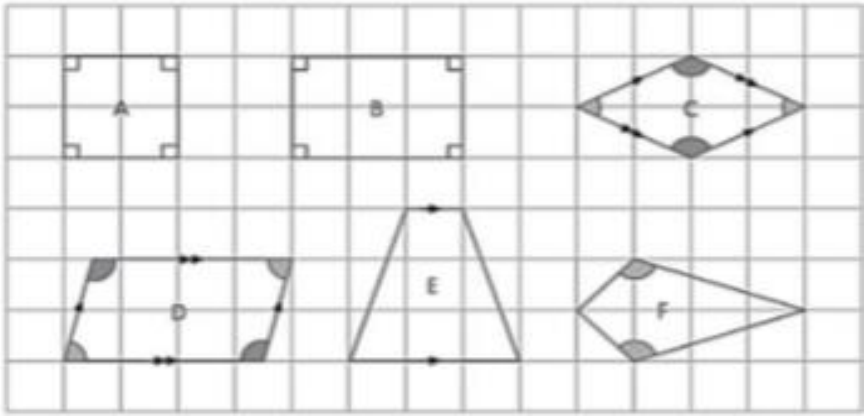
3.A Identify, Describe, Classify and Sketch Quadrilaterals

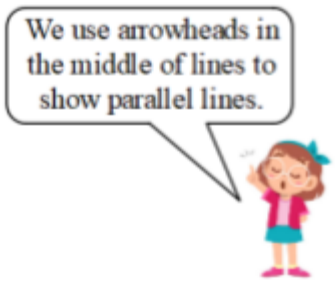
Q1: Write the letter of each shape in the correct place on the table.
Give a reason if the figure is not a polygon.



Polygon	Not polygon	Reason

Q2: Here are some quadrilaterals.





a. Tick (✓) the statement(s) that is/are true of each quadrilateral.

Statement	Quadrilateral					
	A	B	C	D	E	F
Only one pair of opposite parallel sides.						
Two pairs of opposite parallel sides.						
Two pairs of adjacent equal sides.						
All sides are equal.						
All angles are right.						

b. Name the quadrilaterals.

Quadrilateral	Name
A	
B	
C	
D	
E	
F	

Q3: Name the quadrilaterals.

a. I have four equal sides.
All angles are not right.
What am I?

_____

b. I have two pairs of adjacent equal sides.
I have one line of symmetry.
What am I?

_____

c. I have one pair of opposite parallel sides.
No lines of symmetry.
What am I?

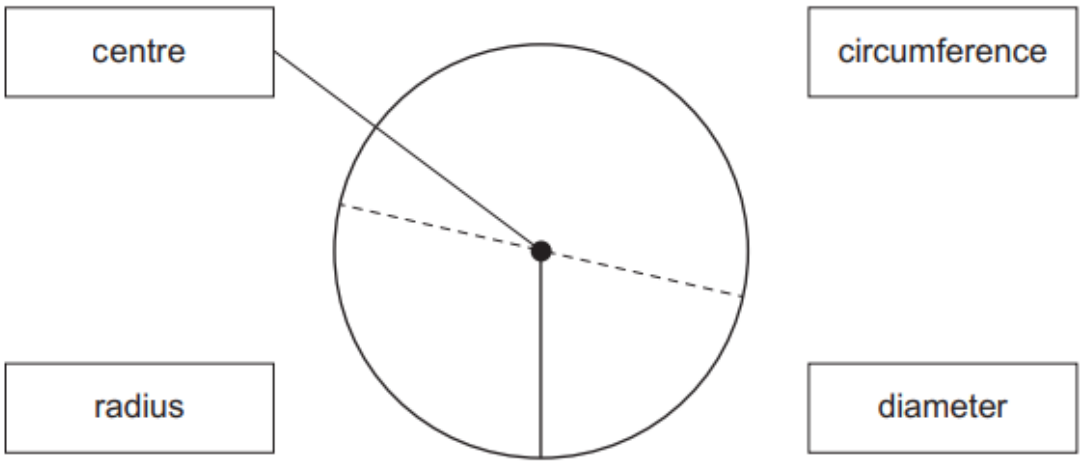
_____

d. I have two pairs of parallel equal sides.
All of my angles are right angles.
I have two lines of symmetry.
What am I?

_____

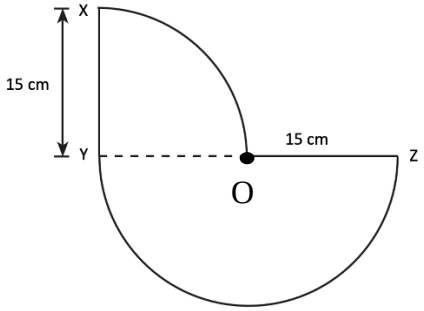
3.B Identify Parts of a Circle

Q1: Here is a circle. The centre is marked.



Draw a line to match each label to the correct part of the circle.

Q2: Bill bends a length of wire into the shape as shown.

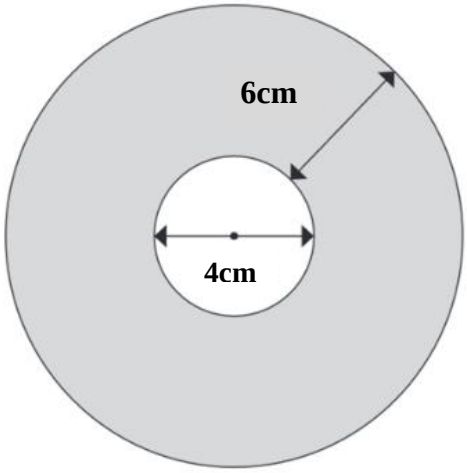


The shape is made up of a semicircle and a quarter of a circle with centre O What is the diameter of the semicircle?

_____

3.C Construct a Circle

Q1: Use a compass and a ruler to construct the following diagram according to the dimensions shown on the diagram.

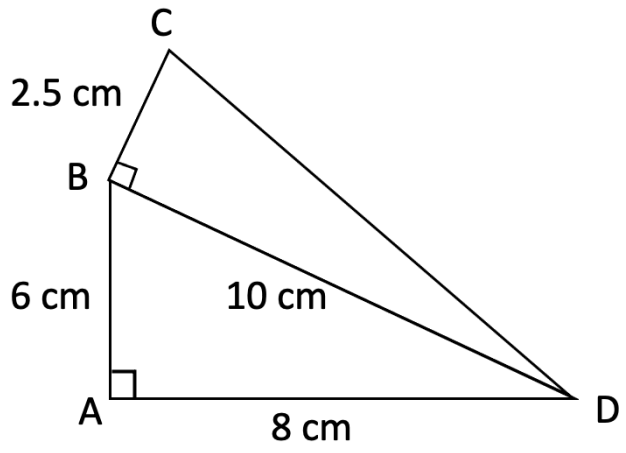


Q2: Use a pair of compasses to draw a circle with a diameter of 6 centimeters. The centre of the circle is marked.

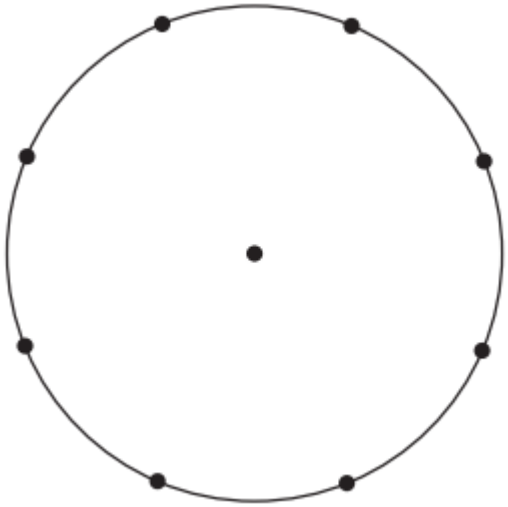
•

3.D Find the Area of Triangles

Q1: Find the area of quadrilateral ABCD, by adding the areas of the two triangles DAB and DBC.



Q2: Here is a circle. It has eight equally spaced dots around its edge and one in the centre.



a. Join three dots to draw a right-angled triangle.

b. Round the length of the three sides of your triangle to the nearest whole number.

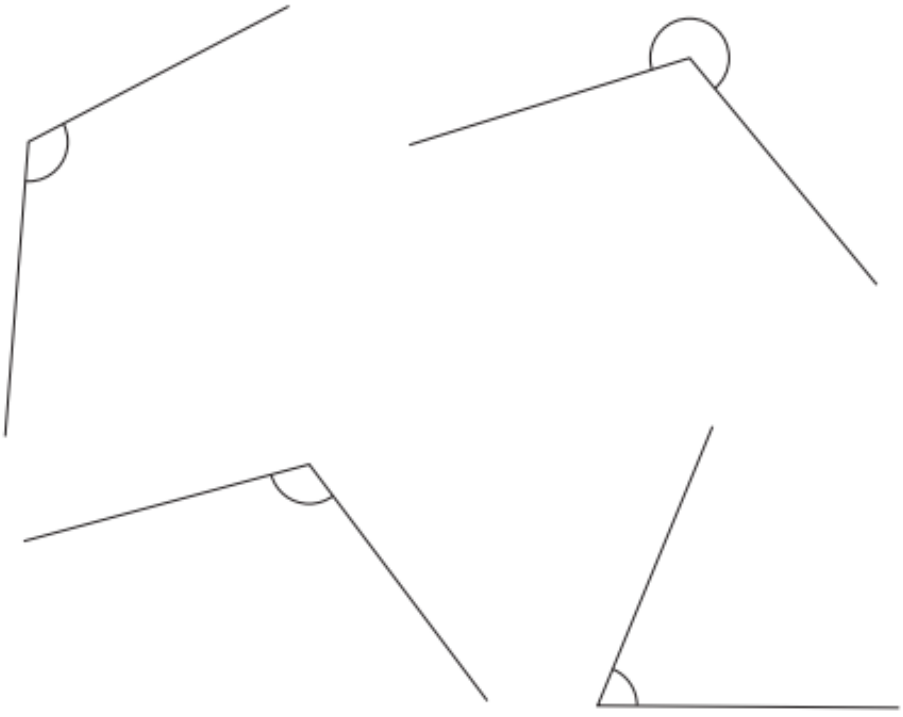
c. Find the area of your triangle using the length of sides in part (b).

3.E Classify, Estimate, Measure and Draw Angles

Q1: Draw an angle with a measure of 53°.

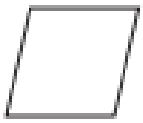
Q2: Use a protractor and ruler to draw an angle of 135°.

Q3: Here are some angles.



Draw a ring around the angle that is 112°.

Q4: Here are some 2D shapes. Each shape has four interior angles. Draw lines to match each shape to all the types of interior angles in the shape.

Shape	Type of interior angle
	acute angle
	obtuse angle
	reflex angle
	right angle

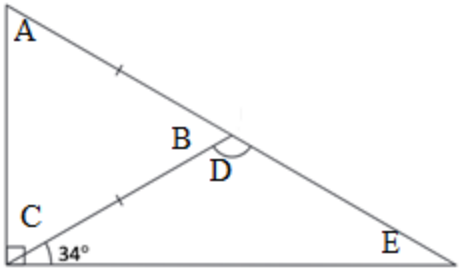
3.F Find Angles in Triangles

Q1: The diagram shows a right-angled triangle.

The right angle is shown by the geomitrical sign.

The equal sides are shown on the diagram.

Find the missing angles.



A = _____ °

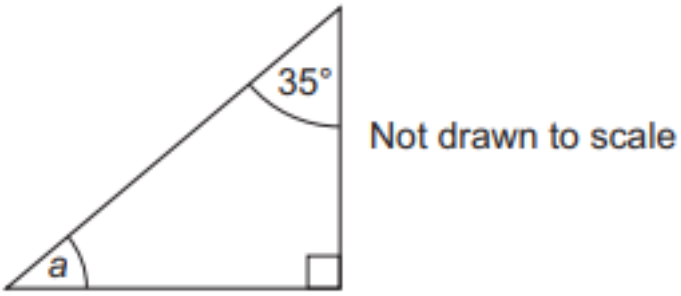
B = _____ °

C = _____ °

D = _____ °

E = _____ °

Q2: Here is a right-angled triangle.



Calculate the size of the angle a.

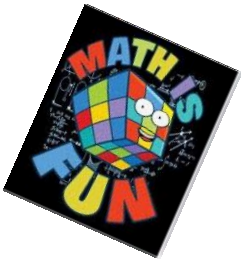
a= _____ °

Q3: Here is a drawing of a house.

The drawing of the house has one line of symmetry.

The angle at the top of the house is 100°.

Write the sizes of the two marked angles in the boxes.



Teachers: Rand Haddadin, Rand Haddad, Qusie Hijazeen

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Name : _____ Date: / 11 / 2025

Subject: Worksheet (5) / chapter (5) Grade: 5 ( )

Addition and Subtraction

5.B Add and Subtract Numbers

Q1. Work out

a. -8 + 15 = _____ b. 14 – 32 = _____

c. -10 + -4 = _____ d. 25 – 12 = _____

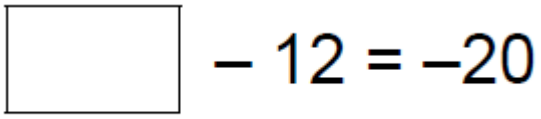
Q2. Fill in the blanks with " + " or "–".

a. 7 ☐ 6 = 1 b. – 6 ☐ 7 = 1

c. 6 ☐ 7 = – 1 d. – 7 ☐ 6 = – 1

e. –7 ☐ 6 = – 13 f. 6 ☐ 7 = 13

Q3. Write a number in the box to make the calculation correct.



Q4. The temperature at 6 am is –12°C. It increased 3°C from 5 am.

The temperature at 4 am was 2°C higher than the temperature at 5 am What was the temperature at 4 am?

5.C Add Decimals + 5.D Subtract Decimals

Q1. Calculate.

101.91 + 10.205 = _____ b. 1.45 + 10.02 + 21.053 = _____

c. 11.54 – 5.678 = _____

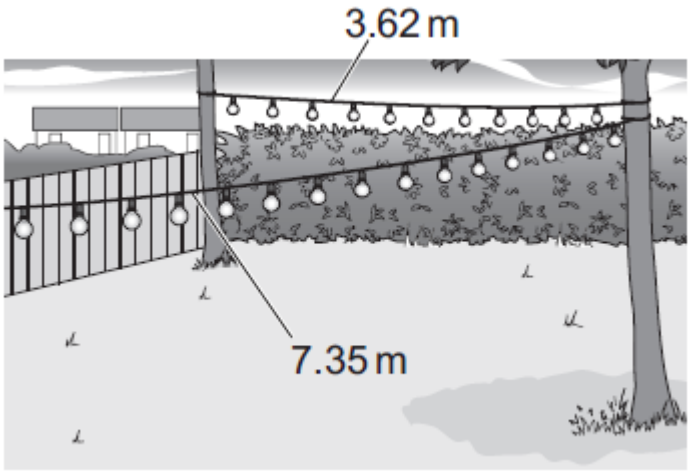
Q2. Fill in the blanks.

a. The sum of 25.094 and 55.18 is _____.

b. The sum of 487.473 and 60.95 is _____.

c. The sum of 1.007 and 3.2 is _____.

Q3. Angelique decorates her garden with two sets of lights.
One set of lights has a length of 7.35 metres.
The other set of lights has a length of 3.62 metres.



Calculate the **total** length of the two sets of lights.

_____metres

Q4. Gabriella has a piece of wood 4.2 metres in length.
She cuts off a length of 0.63 metres.
Calculate the length of the remaining piece of wood.

_____ metres

Q5. Youssef, Mike and Oliver each throw a ball.
Youssef's longest throw is 16.37 metres.
Mike's longest throw is 2.64 metres longer than Youssef's.
Oliver's longest throw is 4.36 metres shorter than Mike's.
Calculate the length of Oliver's longest throw.

_____ metres

Teachers: Qusie Hijazeen, Rand Haddad, Rand Haddadin

Rosary School \ Marj Elhamam

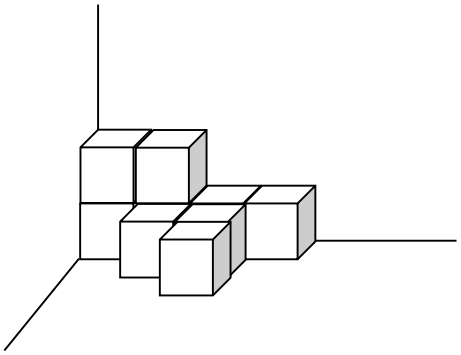
Name : _____ Date: / 11 / 2025

Subject: Worksheet (4) / chapter (4) Grade: 5 ( )

3D shapes , Volume and Capacity

Lesson A: Identify, Describe and Sketch Compound 3D Shapes

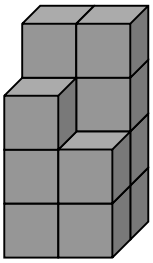
Q1. How many cubes are there in the figure below?



_____

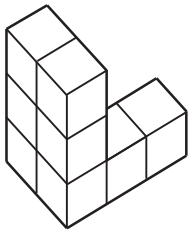
Q2. The shape below is made up of identical cubes.

What is the least number of cubes needed to turn this shape into a cuboid?

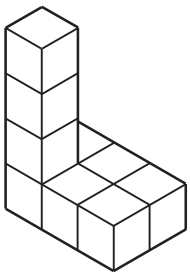


_____

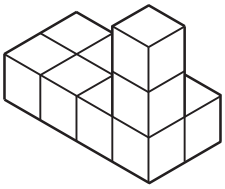
Q3. Here are drawings of some 3D models made with cubes.



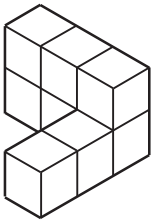
A



B



C

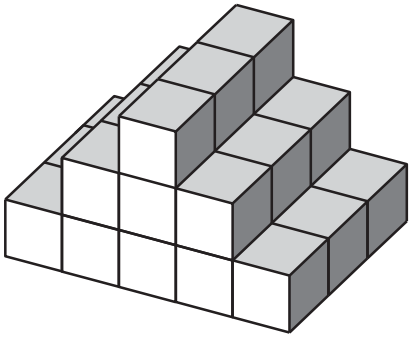


D

Draw a ring around the **two** models that are the same shape.

Q4. Hassan uses some of the cubes to make a prism.

Here is a drawing of his prism.

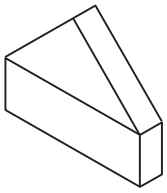


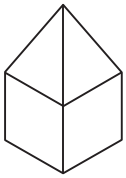
Calculate the number of cubes he uses. ---------- cubes.

Lesson B: Identify and Sketch Nets of 3D Shapes

Q1. Lily makes some models.

She uses a cuboid and one other 3D shape for each model.
Draw a line to match each model to the name of the **other** 3D shape she uses.



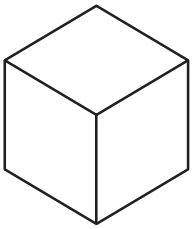


triangular prism

square-based pyramid

triangle-based pyramid

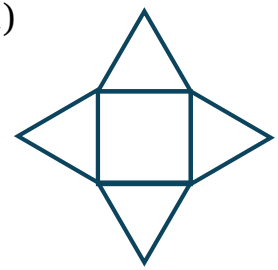
Q2. A cube has a surface area of 96 cm^2.



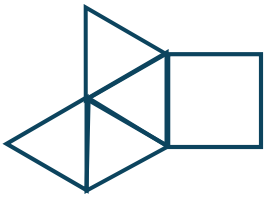
Write the area of one face of the cube. ----------cm^2.

Q3. Which of the following nets does not form a square-based pyramid?

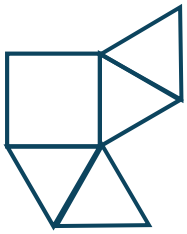
(1)



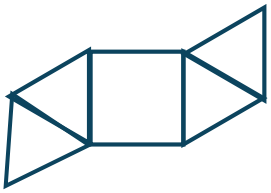
(2)



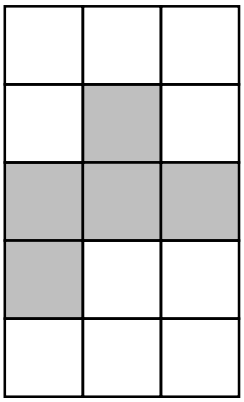
(3)



(4)

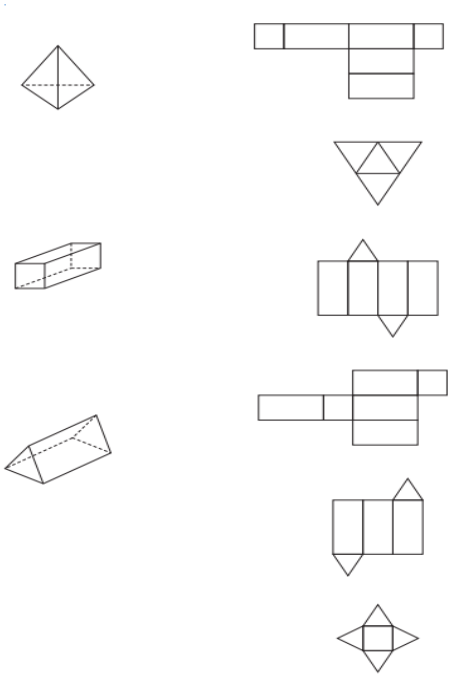


Q4. Sandy is shading the square grid below to form a net for a cube.

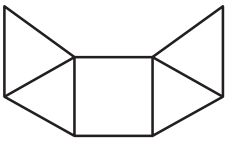


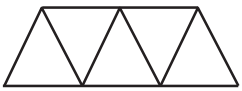
She has 1 last square to shade. Help her shade the square on the diagram.

Q5. Draw a line to match each 3D shape to the correct net.

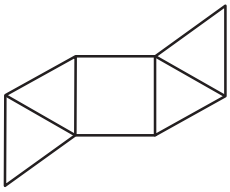


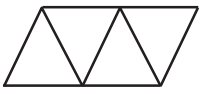
Q6. Draw a line to match **each** drawing with the correct option.



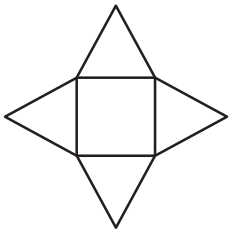


net of a pyramid



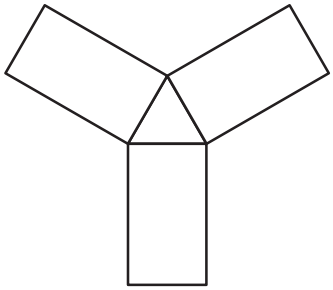


`not a net of a pyramid

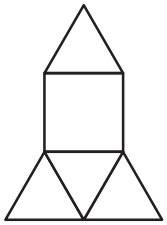


Q7. Angelique wants to sketch the nets of some 3D shapes.

a. Complete the sketch of the net for a triangular prism.

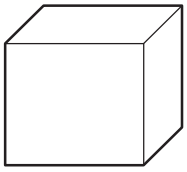


b. Here is the net for a 3D shape.



Write the name of the shape. _____

Q8. Here is a sketch of a cube.



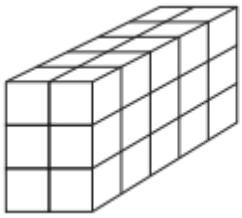
Not drawn to scale

The area of one face is 9 cm^2.

Calculate the total surface area of the cube. ----------cm^2

Q9. Here is a drawing of a cube.

The area of each face of the cube is $1cm^2$.
Hassan makes a cuboid from some of these cubes.
Here is a drawing of Hassan's cuboid.



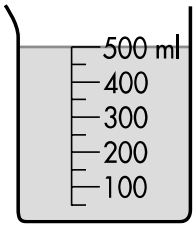
Not drawn to scale

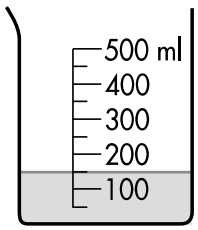
Calculate the surface area of the cuboid. Show your working. cm^2

_____

Lesson C: Understand Difference between Capacity and Volume

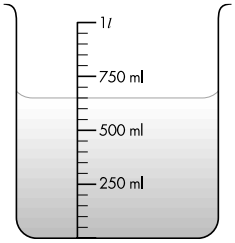
Q1. What is the total volume of water in both measuring cups?

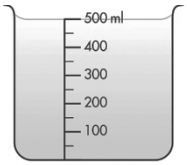




_____ _____

Q2.



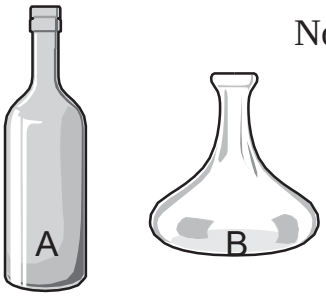


Container A Container B

Eddy pours some water from container B such that it fills container A to its full capacity. What is the volume of water left in container B?

_____

Q3. Here are two empty bottles.



Not drawn to scale

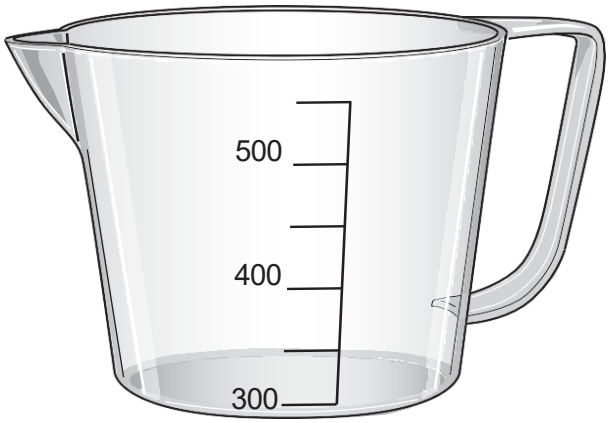
Naomi pours water with a volume of 600 ml into bottle A. Bottle A is now half full.

Naomi then pours half of the water in bottle A into bottle B. Bottle B is now half full.

Write the capacity of bottle A. ----------ml

Write the capacity of bottle B. ----------ml

Q4. Here is a jug.



Safia wants to pour 1000 ml of water into jug.

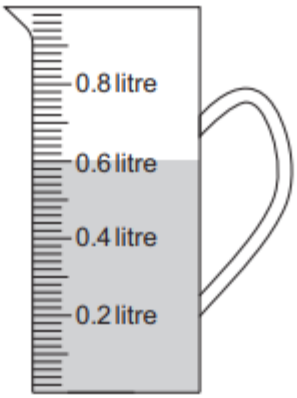
Explain why this is **not** possible.

Use the words volume **and** capacity in your answer.

. . . . . .

. . . . . .

Q5. Here is a picture of a jug with water inside.



Write the word **capacity** or **volume** in each space to complete the sentences.

The _____ of the jug is greater than the _____ of water.

The _____ of water is 0.6 litre.

The _____ of the jug is 1 litre.

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