1075 LOVU SANGAM SCHOOL		
LESSON NOTES		
<u>SUBJECT</u> : MATHS	WORKSHEET: 01/2021	<u>YEAR: 8</u>
STRAND	MEASUREMENT	
SUB- STRAND	LENGTH/ AREA	
CONTENT LEARNING OUTCOME	Select and use appropriate formulas to calculate length, perimeter, area	
	of 2D, 3D and composite Shapes	

PERIMETER

AREA



Composite Areas

- Composite areas are calculated for complicated shapes.
- The areas of complicated shapes can be found by splitting/breaking the shape up into simpler shapes (shapes for which it is easy to find the area).





$$A_1 = 1 x w A_2 = 1 x A_$$

$$\frac{\text{Fotal Area}}{= 110 \text{ cm}^2 + 32 \text{ cm}^2}$$
$$= \frac{142 \text{ cm}^2}{= 142 \text{ cm}^2}$$

AREA OF A CIRCLE



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Area of circle = πr^2

<u>**Circumference</u>**- is the length of the boundary of the circle <u>**ACTIVITY**</u></u>

1. Find the **Perimeter** of the Shape given below:



3. Find the **Area** of the given shapes below:



x = 4cmy = 8 cm





c) Use
$$\pi = \frac{22}{7}$$

r = 14cm

4. Find the Area of these **Composite Shapes**.





2. Find the **Circumference** of the Circle given below: Use $\pi = \frac{22}{7}$

r = 14cm

5. Find the Area of the **Shaded Region**.

