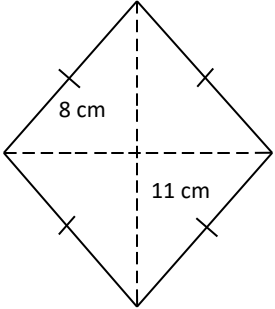
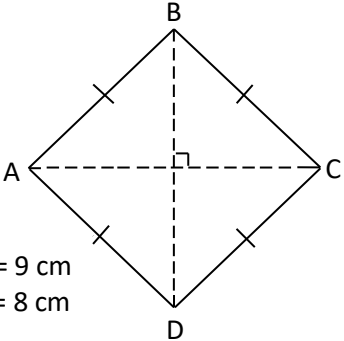
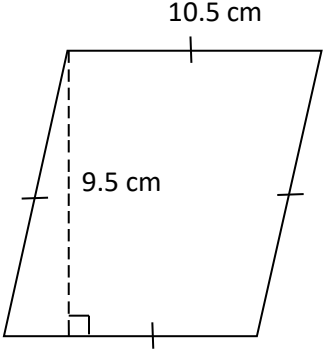
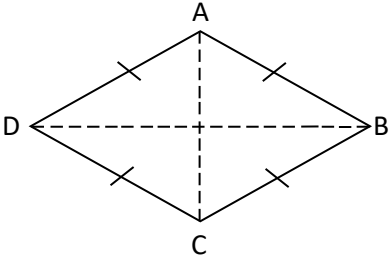
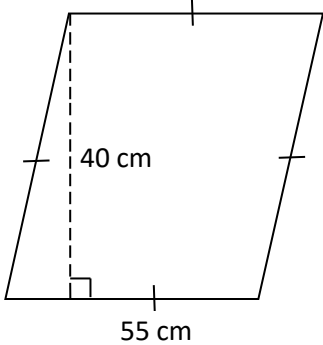
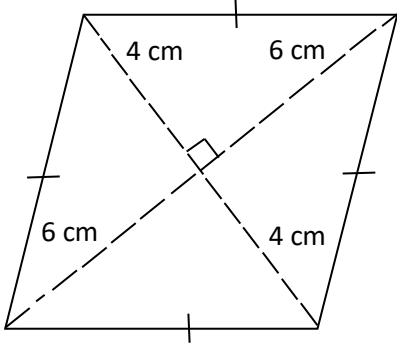
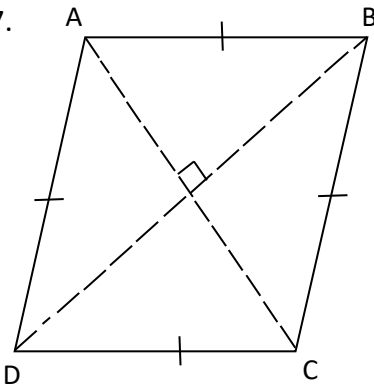
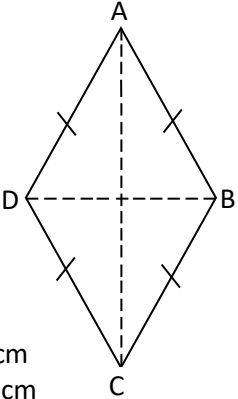
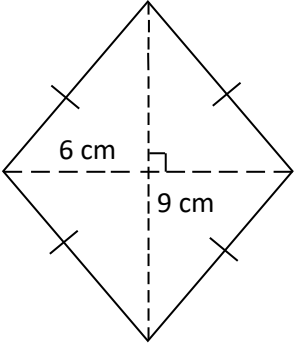


MATHS WORKSHEETS- AREA OF A RHOMBUS

Calculate the area of each rhombus given below:

<p>1.</p>  <p style="text-align: center;">8 cm 11 cm</p> <p>Answer:</p>	<p>2.</p>  <p style="text-align: center;">B A C D</p> <p>BD= 9 cm AC= 8 cm</p> <p>Answer:</p>	<p>3.</p>  <p style="text-align: center;">10.5 cm 9.5 cm</p> <p>Answer:</p>
<p>4.</p>  <p style="text-align: center;">A D B C</p> <p>AC= 5 cm BD= 8 cm</p> <p>Answer:</p>	<p>5.</p>  <p style="text-align: center;">40 cm 55 cm</p> <p>Answer:</p>	<p>6.</p>  <p style="text-align: center;">4 cm 6 cm 6 cm 4 cm</p> <p>Answer:</p>
<p>7.</p>  <p style="text-align: center;">A B D C</p> <p>AC=12.8 cm, BD=13.5 cm</p> <p>Answer:</p>	<p>8.</p>  <p style="text-align: center;">A D B C</p> <p>AC= 12 cm BD= 3.5 cm</p> <p>Answer:</p>	<p>9.</p>  <p style="text-align: center;">6 cm 9 cm</p> <p>Answer:</p>

Answer Key:

Rhombus

- Type of quadrilateral.
- Also called as Diamond
- 4 equal sides
- Diagonals intersect at 90°
- Opposite sides are parallel
- Opposite angles are equal and congruence

$$\text{Area of Rhombus} = \frac{1}{2} (d_1 \times d_2) \text{ sq. units}$$

where, d_1 and d_2 are diagonals

$$\text{Area of Rhombus} = b \times h \text{ sq. units}$$

where b = length of any side

h = height of rhombus

Perimeter of Rhombus = $4a$ units

1. 44 cm^2
2. 36 cm^2
3. 99.75 cm^2
4. 20 cm^2
5. 2200 cm^2
6. 48 cm^2
7. 86.4 cm^2
8. 21 cm^2
9. 27 cm^2