

$$\bullet \hat{A} = \hat{B} = \hat{C} = \hat{D} = 90^\circ$$

$$\bullet \overline{AB} = \overline{BC} = \overline{CD} = \overline{DA}$$

$$\bullet \overline{AB} \parallel \overline{CD}$$

$$\bullet \overline{BC} \parallel \overline{DA}$$

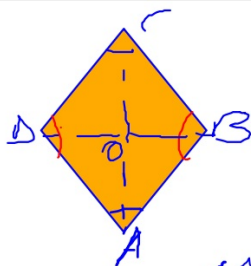
$$\bullet \overline{AC} = \overline{BD}$$

$$\bullet \overline{AO} = \overline{OC}$$

$$\bullet \overline{BO} = \overline{OD}$$

$$\bullet \overline{AC} \perp \overline{BD}$$

$$\bullet \left\{ \begin{array}{l} \hat{BAO} = \hat{DAO} \\ \hat{ABO} = \hat{CBO} \\ \hat{BCO} = \hat{DCO} \\ \hat{ADO} = \hat{CDO} \end{array} \right.$$



$$\bullet \left\{ \begin{array}{l} \hat{A} = \hat{C} \\ \hat{B} = \hat{D} \end{array} \right.$$

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$$\bullet \left\{ \begin{array}{l} \hat{BAO} = \hat{DAO} \\ \hat{ABO} = \hat{CBO} \\ \hat{BCO} = \hat{DCO} \\ \hat{ADO} = \hat{CDO} \end{array} \right. \quad \bullet \left\{ \begin{array}{l} \hat{A} + \hat{B} = 180^\circ \\ \hat{B} + \hat{C} = 180^\circ \\ \hat{C} + \hat{D} = 180^\circ \\ \hat{D} + \hat{A} = 180^\circ \end{array} \right.$$

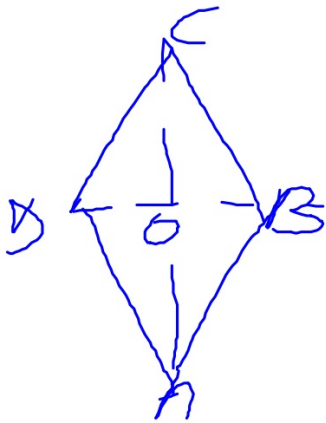
$$Z_p = \overline{AB} \cdot 4$$

$$\overline{AB} = Z_p \div 4$$

$$A = \frac{\overline{AC} \cdot \overline{BD}}{2}$$

$$\overline{AC} = \frac{A \cdot 2}{\overline{BD}}$$

$$\overline{BD} = \frac{A \cdot 2}{\overline{AC}}$$



$$\begin{array}{l|l} & D \\ \hline \overline{AC} + \overline{BD} = 80 \text{ cm} & A \\ \overline{AC} = \frac{2}{3} \overline{BD} & \end{array}$$

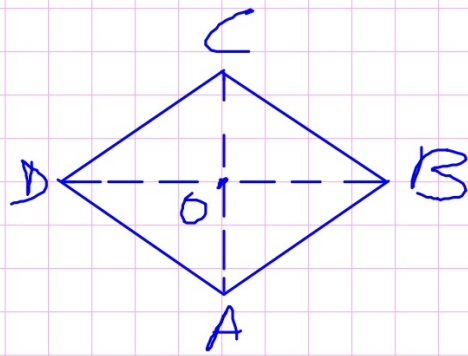
$$\overline{U} = (\overline{AC} + \overline{BD}) : 5 = 80 : 5 = 16 \text{ cm}$$

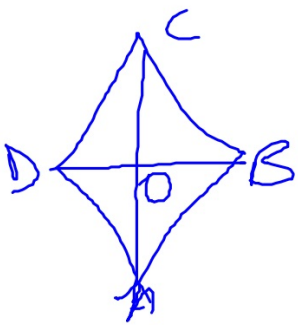
$$\overline{AC} = \overline{U} \cdot 2 = 16 \cdot 2 = 32 \text{ cm}$$

$$\overline{BD} = \overline{U} \cdot 3 = 16 \cdot 3 = 48 \text{ cm}$$

$$A = \frac{\overline{AC} \cdot \overline{BD}}{2} = \frac{32 \cdot 48}{2} = 768 \text{ cm}^2$$

1.8





$$A = 1500 \text{ cm}^2 \quad \overline{AC}$$

$$\overline{AC} = \frac{6}{5} \overline{BD} \quad \overline{BD}$$

$$\overline{U}^2 = \frac{A \cdot 2}{30} = \frac{1500 \cdot 2}{30} = 100 \text{ cm}^2$$

$$\overline{U} = \sqrt{\overline{U}^2} = \sqrt{100} = 10 \text{ cm}$$

$$\overline{AC} = \overline{U} \cdot 6 = 10 \cdot 6 = 60 \text{ cm}$$

$$\overline{BD} = \overline{U} \cdot 5 = 10 \cdot 5 = 50 \text{ cm}$$

1° 10

