

11. No.

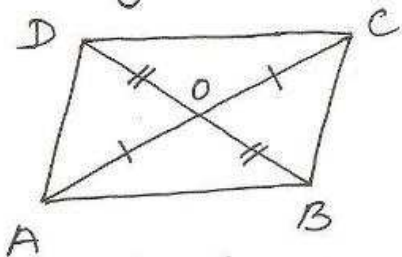
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then sum of all four angles is less than  $360^\circ$

12. yes

$\therefore$  then sum of all four angles =  $360^\circ$

13.



$\therefore$  diagonals of  $\square$  bisect each other

$\therefore \square$  is a  $\parallel\text{gm}$

$AD \parallel BC$  (opp sides of a  $\parallel\text{gm}$ )

$\angle A + \angle B = 180^\circ$  (co int  $\angle$ s)

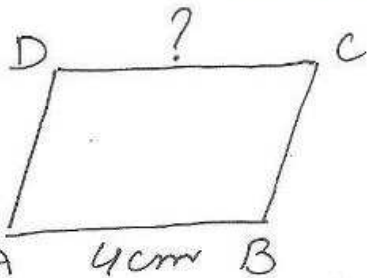
$$35 + \angle B = 180^\circ$$

$$\Rightarrow \angle B = 180^\circ - 35$$

$$= 145^\circ$$

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14.



$\therefore \angle A = \angle C, \angle B = \angle D$

$\therefore \square ABCD$  is a  $\parallel\text{gm}$

$$CD = AB = 4 \text{ cm}$$

[opp. sides of a  $\parallel\text{gm}$ ]