Lines and angles Ex 14.1 Q16

Answer :

If one of the angles of a linear pair is obtuse, then the other angle should be acute; only then can their sum be 180°.

Lines and angles Ex 14.1 Q17

Answer :

In a linear pair, if one angle is acute, then the other angle should be obtuse. Only then their sum can be 180°.

Lines and angles Ex 14.1 Q18

Answer :

No, two acute angles cannot form a linear pair because their sum is always less than 180°.

Lines and angles Ex 14.1 Q19

Answer :

Let x be the required angle.

Then, we have:

$x + 65° = 180°$

$\Rightarrow x = 180° - 65° = 115°$

The complement of angle x cannot be determined.

*********** END *********