



Lines and angles Ex 14.1 Q4

Answer :

No, because they have no common vertex.

Lines and angles Ex 14.1 Q5

Answer :

Two angles are called complementary angles if the sum of those angles is 90° .

Complementary angles of the following angles are:

(i) $90^\circ - 35^\circ = 55^\circ$

(ii) $90^\circ - 72^\circ = 18^\circ$

(iii) $90^\circ - 45^\circ = 45^\circ$

(iv) $90^\circ - 85^\circ = 5^\circ$

Lines and angles Ex 14.1 Q6

Answer :

Two angles are called supplementary angles if the sum of those angles is 180° .

Supplementary angles of the following angles are:

(i) $180^\circ - 70^\circ = 110^\circ$

(ii) $180^\circ - 120^\circ = 60^\circ$

(iii) $180^\circ - 135^\circ = 45^\circ$

(iv) $180^\circ - 90^\circ = 90^\circ$

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