Angles Ex 11.2 Q1

Answer :

Two examples of right angle in our environment are:
(i) The angle formed by the two adjacent walls of a room is a right angle.
(ii) The angle formed by the two adjacent edges of a book is a right angle.

Two examples of acute angle in our environment are:
(i) The angle formed between the two adjacent fingers of our hand.
(ii) The angle between the two adjacent sides of the letter Z of English alphabet.

Two examples of obtuse angle in our environment are:
(i) The smaller angle formed by the two adjacent blades of a fan.
(ii) The smaller angle formed by the two sloping sides of a roof of a hut is an obtuse angle.
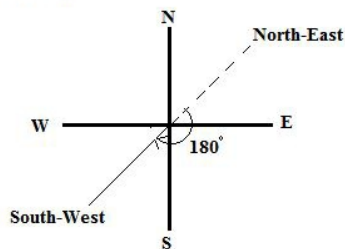
Angles Ex 11.2 Q2

Answer :

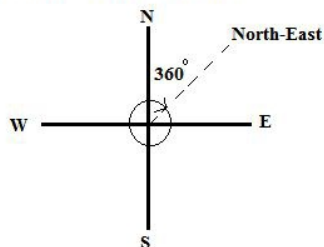Angle formed by two adjacent fingers will appear as an acute angle.

Angles Ex 11.2 Q3

Answer :

(i) If Shikha turns through a straight angle or 180 degrees, she will be rowing along the south-west direction.

(ii) If Shikha turns through a complete angle or 360 degrees, she will be rowing along her original direction, i.e., north-east direction.
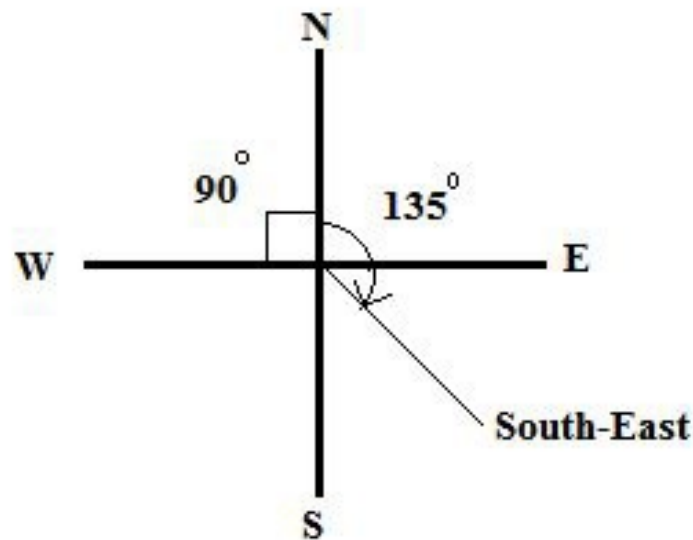

Angles Ex 11.2 Q4

Answer :

The measure of the angle between:
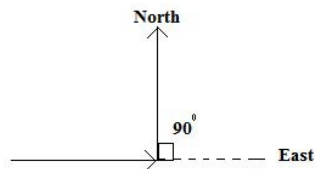
(i) North and west is 90°.

(ii) North and South is 180°.

(iii) North and South-East is 135°.

Angles Ex 11.2 Q5

Answer :

If a ship is sailing in east direction and turns to north direction, it turns through an angle of 90 degrees.

Angles Ex 11.2 Q6

Answer :

After making a quarter turn or a turn of 90°, I will be facing east if I turn to my right hand. Similarly, if I turn to my left hand, I will be facing west.

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