

# Activity Worksheet

Challenging brain

Sub : Mathematics

Grade: IX

Date: .....

Name: .....

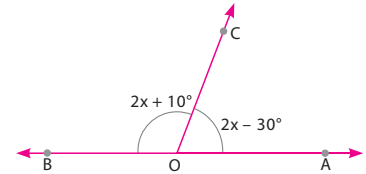
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## Performance Test

Write the correct answer for each of the following.

(i.) In Fig. 4.24, What value of  $x$  will make AOB a straight line?

- (a)  $40^\circ$  (b)  $45^\circ$   
 (c)  $50^\circ$  (d) none of these




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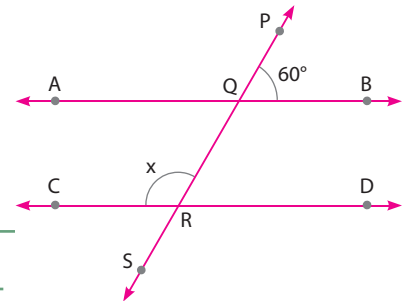
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(ii.) If  $AB \parallel CD$ . Angle  $x$  in Fig. 4.25 is

- (a)  $60^\circ$   
 (b)  $300^\circ$   
 (c)  $120^\circ$   
 (d) none of these




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(iii.) The angle which is one fifth its complement is

- (a)  $30^\circ$  (b)  $60^\circ$   
 (c)  $15^\circ$  (d) none of these

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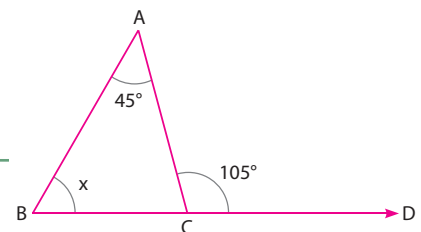
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(iv.) Angle  $x$  in Fig. 4.26 is:

- (a)  $30^\circ$  (b)  $50^\circ$   
 (c)  $40^\circ$  (d)  $60^\circ$




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