

Problems on complementary and supplementary angles

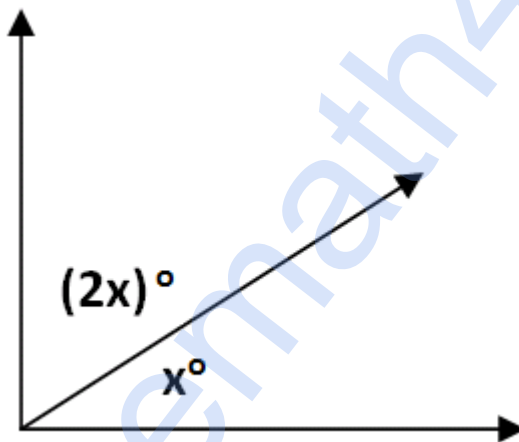
- 1) The measure of an angle is 41° . What is the measure of a complementary-angle?
- 2) The measure of an angle is 62° . What is the measure of a complementary-angle?
- 3) The measure of an angle is 108° . What is the measure of a supplementary angle?
- 4) The measure of an angle is 89° . What is the measure of a supplementary angle?
- 5) Two angles are complementary. In one of the angles is double the other angle, find the two angles.
- 6) The measure of an angle is $\frac{3}{4}$ of 60° . What is the measure of the complementary angle?
- 7) Two angles are supplementary. If one angle is two times the sum of other angle and 3, find the two angles.

8) Two angles are supplementary. If one angle is 36° less than twice of the other angle, find the two angles.

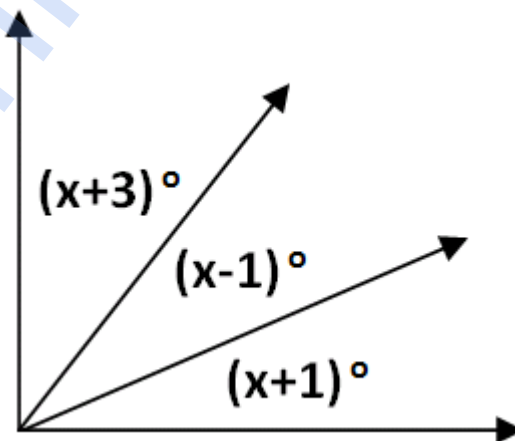
9) An angle and its one-half are complementary. Find the angle.

10) Two angles are supplementary. If 5 times of one angle is 10 times of the other angle. Find the two angles.

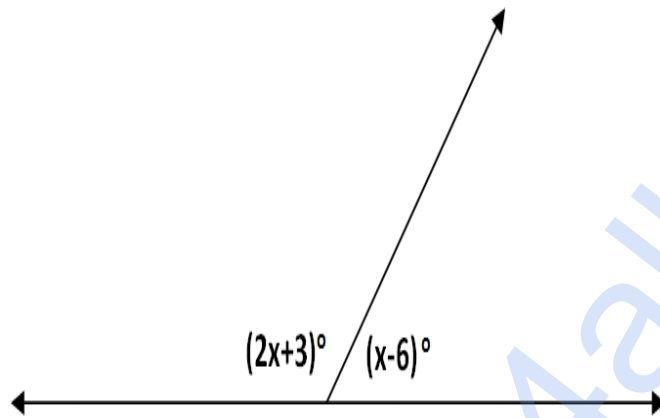
11) Find the value of "x" in the figure given below.



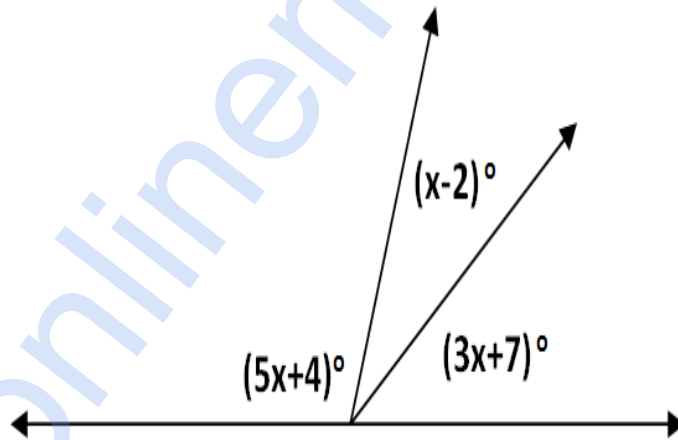
12) Find the value of "x" in the figure given below.



13) Find the value of "x" in the figure given below.



14) Find the value of "x" in the figure given below.



Answers:

1) 49°

2) 28°

3) 72°

4) 91°

5) 30° and 60°

6) 45°

7) 62° and 28°

8) 60°

9) 60°

10) 60° and 120°

11) 30

12) 29

13) 61

14) 19

If you need step by step solution for the above problems, please click on the below links or copy and paste the links on your browser.

<http://www.onlinemath4all.com/problems-on-complementary-angles.html>

<http://www.onlinemath4all.com/problems-on-supplementary-angles.html>