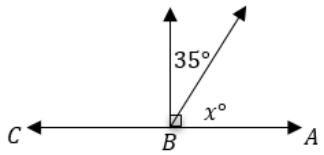
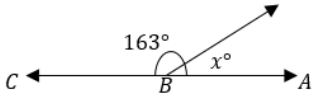
Name:

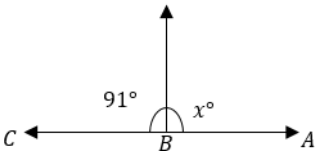
Date:

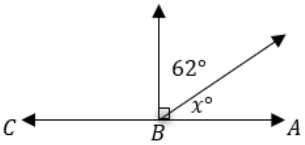
Angles

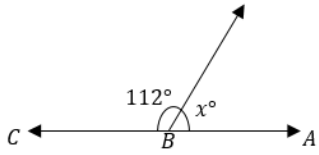
What is the value of x in the following figures?

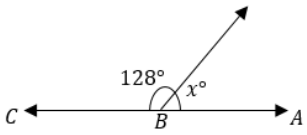
1) 

2) 

3) 

4) 

5) 

6) 

Solve.

7) Two supplementary angles are given. The measure of one angle is 50° less than the measure of the other. What does the bigger angle measure?

8) Two angles are complementary and the measure of one angle is 24 less than the other. What is the measure of the bigger angle?

9) Two angles are complementary. The measure of one angle is half the measure of the other. What is the measure of the smaller angle?

10) The measure of an angle is two third the measure of its supplement. What is the measure of the angle?

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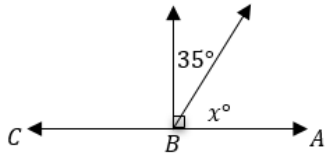
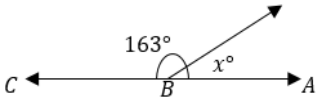
1)



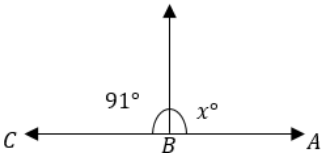
55°

2)



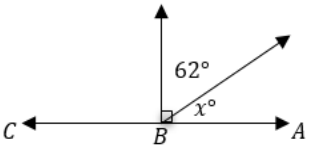
17°

3)



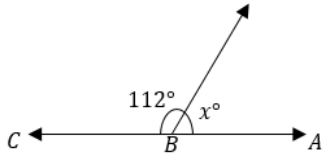
89°

4)



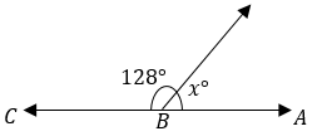
28°

5)



68°

6)



52°

7) Two supplementary angles are given. The measure of one angle is 50° less than the measure of the other. What does the bigger angle measure?

115°

8) Two angles are complementary and the measure of one angle is 24 less than the other. What is the measure of the bigger angle?

57°

9) Two angles are complementary. The measure of one angle is half the measure of the other. What is the measure of the smaller angle?

30°

10) The measure of an angle is two third the measure of its supplement. What is the measure of the angle?

72°