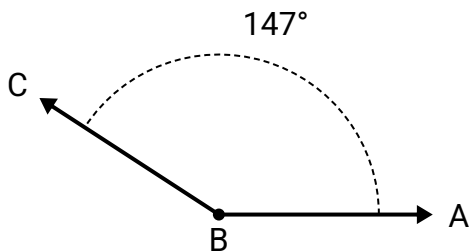




Solve each problem.

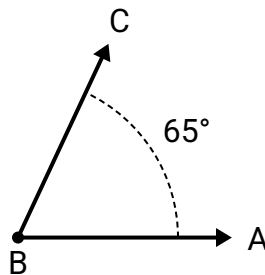
**Answers**

1)



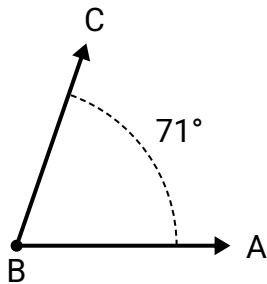
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 109 degrees.  
B. What is the measure of angle DBC?

2)



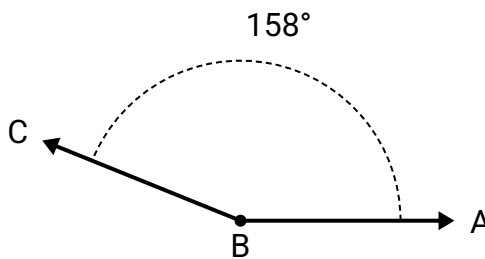
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 31 degrees.  
B. What is the measure of angle DBC?

3)



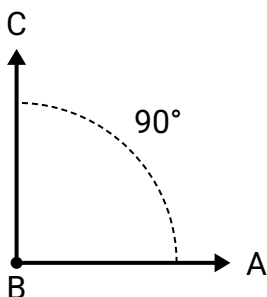
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 30 degrees.  
B. What is the measure of angle ABD?

4)



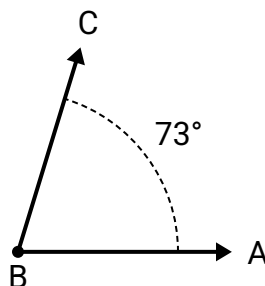
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 83 degrees.  
B. What is the measure of angle DBC?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 58 degrees.  
B. What is the measure of angle DBC?

6)



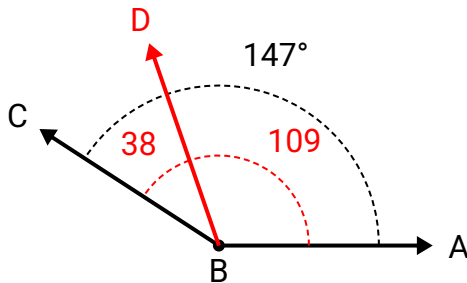
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 35 degrees.  
B. What is the measure of angle ABD?

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_



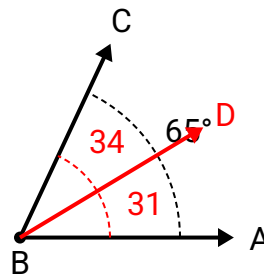
Solve each problem.

1)



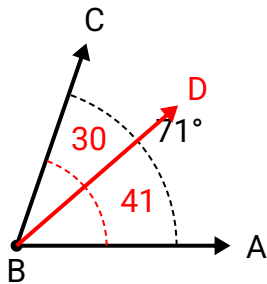
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 109 degrees.  
B. What is the measure of angle DBC?

2)



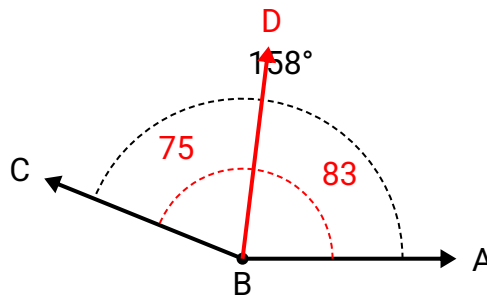
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 31 degrees.  
B. What is the measure of angle DBC?

3)



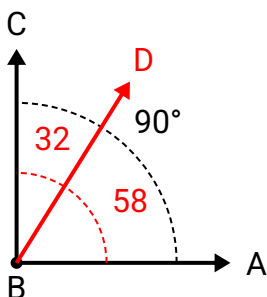
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 30 degrees.  
B. What is the measure of angle ABD?

4)



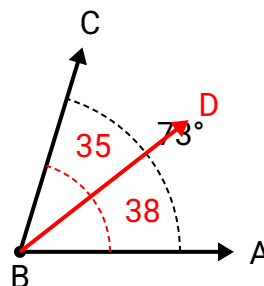
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 83 degrees.  
B. What is the measure of angle DBC?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 58 degrees.  
B. What is the measure of angle DBC?

6)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 35 degrees.  
B. What is the measure of angle ABD?

**Answers**

1. **38**
2. **34**
3. **41**
4. **75**
5. **32**
6. **38**