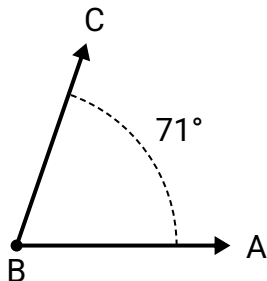




Solve each problem.

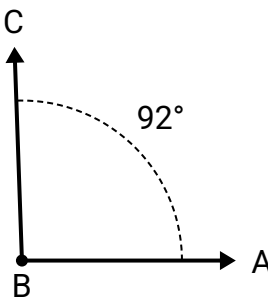
**Answers**

1)



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

2)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 55 degrees.  
B. What is the measure of angle DBC?

1. \_\_\_\_\_

2. \_\_\_\_\_

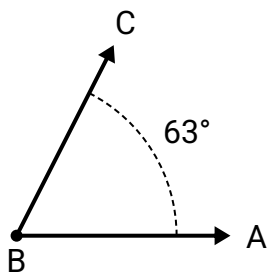
3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

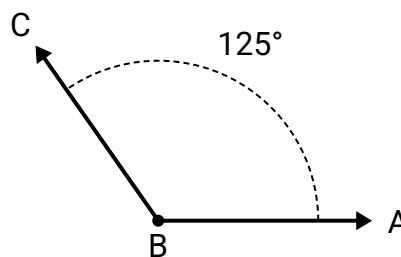
6. \_\_\_\_\_

3)



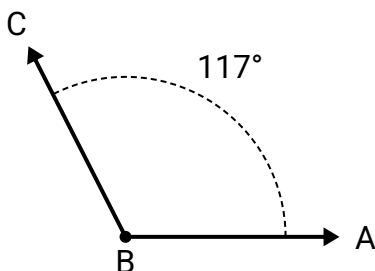
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 32 degrees.  
B. What is the measure of angle DBC?

4)



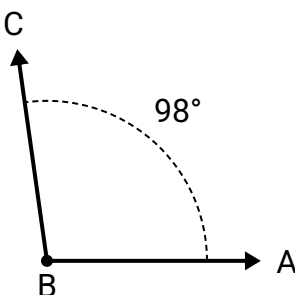
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 49 degrees.  
B. What is the measure of angle DBC?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 79 degrees.  
B. What is the measure of angle ABD?

6)



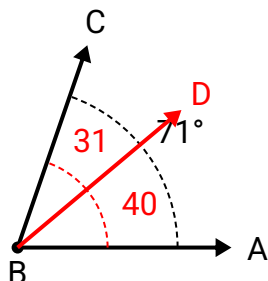
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 60 degrees.  
B. What is the measure of angle ABD?



Solve each problem.

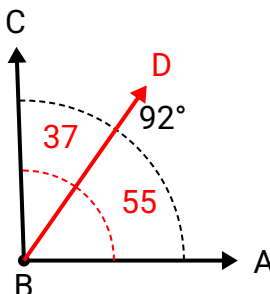
**Answers**

1)



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

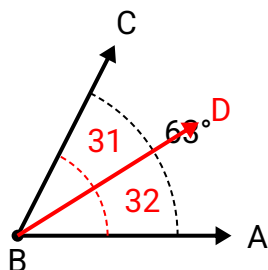
2)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 55 degrees.  
B. What is the measure of angle DBC?

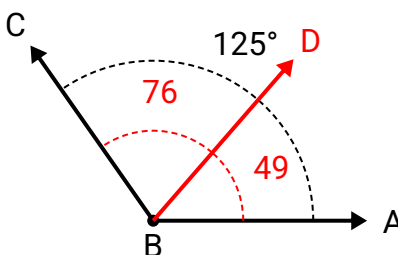
1. **40**
2. **37**
3. **31**
4. **76**
5. **38**
6. **38**

3)



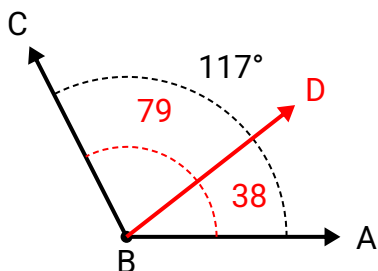
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 32 degrees.  
B. What is the measure of angle DBC?

4)



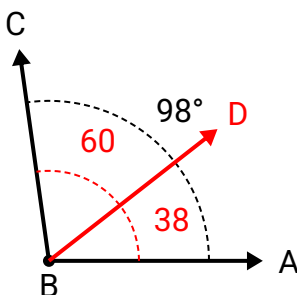
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 49 degrees.  
B. What is the measure of angle DBC?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 79 degrees.  
B. What is the measure of angle ABD?

6)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 60 degrees.  
B. What is the measure of angle ABD?