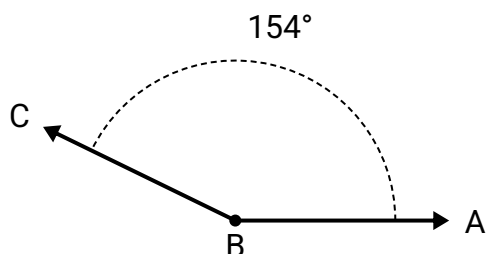




Solve each problem.

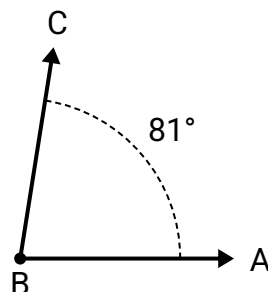
**Answers**

1)



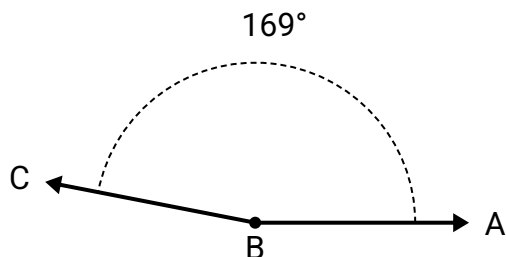
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 119 degrees.  
B. What is the measure of angle DBC?

2)



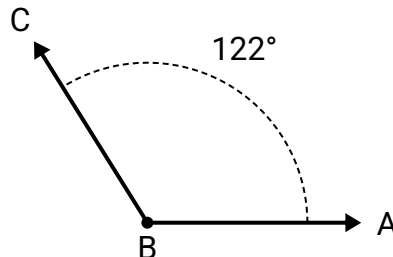
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 30 degrees.  
B. What is the measure of angle DBC?

3)



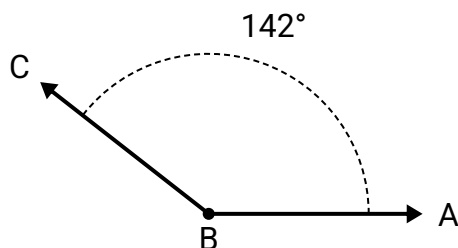
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 106 degrees.  
B. What is the measure of angle ABD?

4)



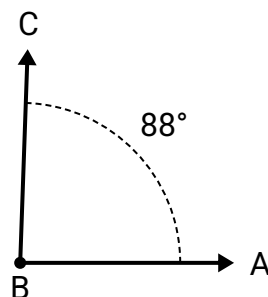
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 49 degrees.  
B. What is the measure of angle ABD?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 92 degrees.  
B. What is the measure of angle DBC?

6)



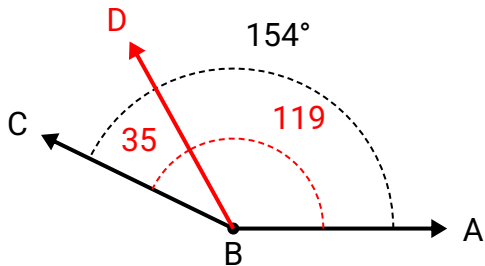
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 58 degrees.  
B. What is the measure of angle ABD?

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



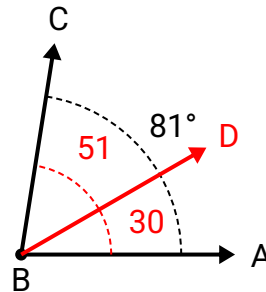
Solve each problem.

1)



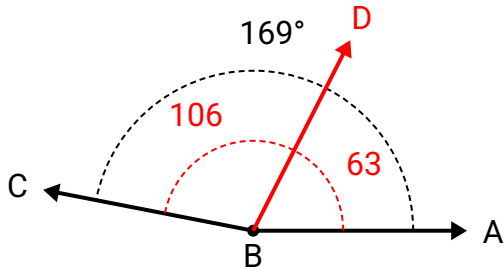
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 119 degrees.  
B. What is the measure of angle DBC?

2)



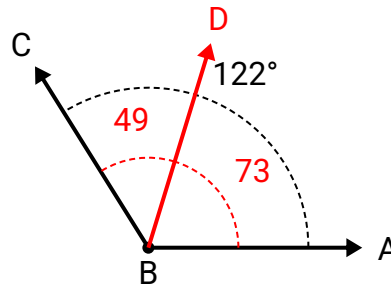
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 30 degrees.  
B. What is the measure of angle DBC?

3)



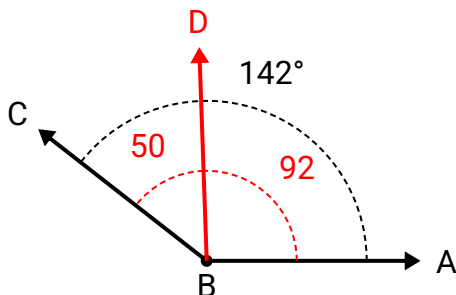
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 106 degrees.  
B. What is the measure of angle ABD?

4)



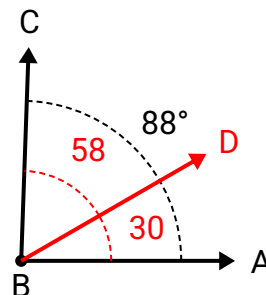
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 49 degrees.  
B. What is the measure of angle ABD?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 92 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 58 degrees.  
B. What is the measure of angle ABD?

**Answers**

1. **35°**
2. **51°**
3. **63°**
4. **73°**
5. **50°**
6. **30°**