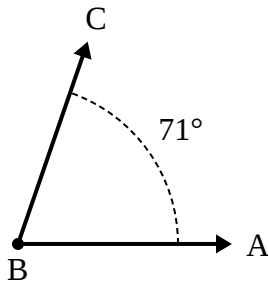




Solve each problem.

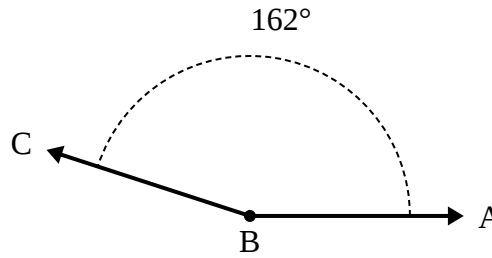
Answers

1)



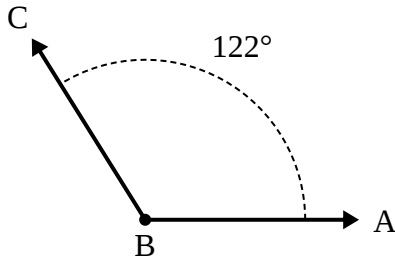
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 41 degrees.  
B. What is the measure of angle DBC?

2)



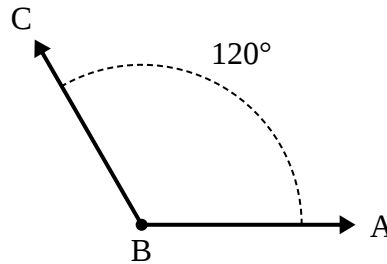
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 68 degrees.  
B. What is the measure of angle DBC?

3)



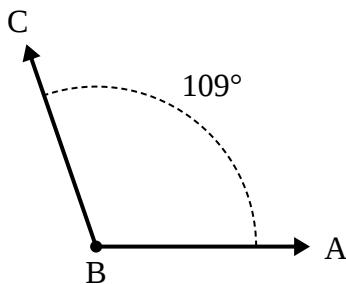
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 75 degrees.  
B. What is the measure of angle DBC?

4)



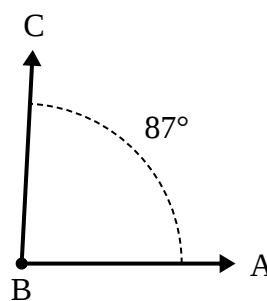
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 53 degrees.  
B. What is the measure of angle ABD?

5)



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

6)



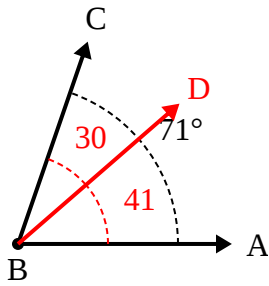
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 56 degrees.  
B. What is the measure of angle ABD?

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



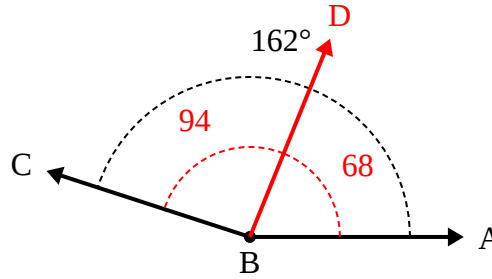
Solve each problem.

1)



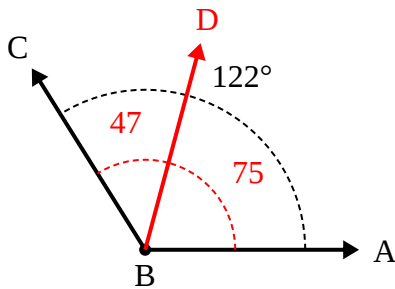
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 41 degrees.
- B. What is the measure of angle DBC?

2)



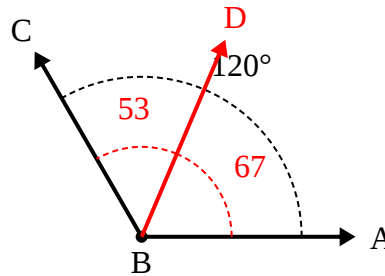
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 68 degrees.
- B. What is the measure of angle DBC?

3)



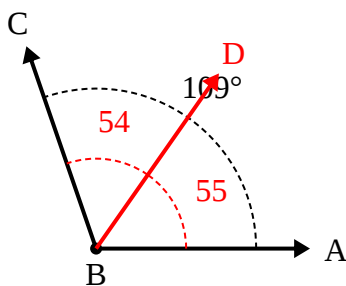
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 75 degrees.
- B. What is the measure of angle DBC?

4)



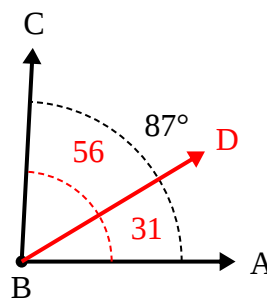
- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 53 degrees.
- B. What is the measure of angle ABD?

5)



- A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 55 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 56 degrees.
- B. What is the measure of angle ABD?

**Answers**

1. **30°**
2. **94°**
3. **47°**
4. **67°**
5. **54°**
6. **31°**