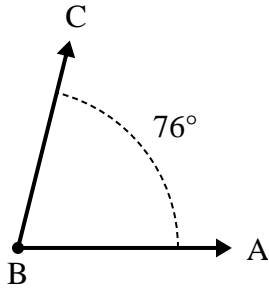




Solve each problem.

**Answers**

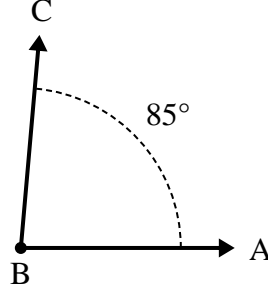
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 40 degrees.

B. What is the measure of angle DBC?

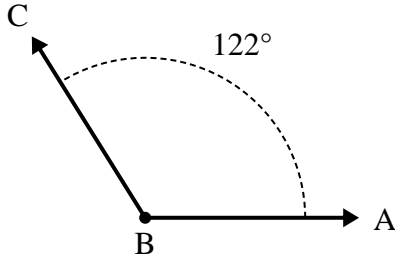
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 36 degrees.

B. What is the measure of angle DBC?

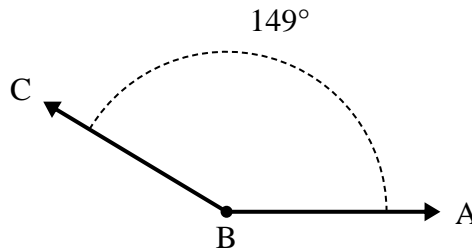
3)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 41 degrees.

B. What is the measure of angle ABD?

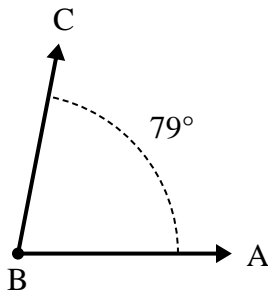
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 54 degrees.

B. What is the measure of angle DBC?

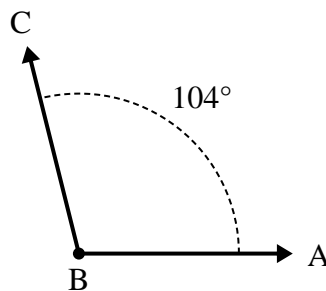
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 35 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 ABD measuring 43 degrees.

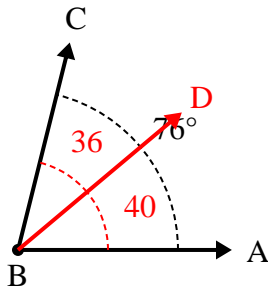
B. What is the measure of angle DBC?

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



Solve each problem.

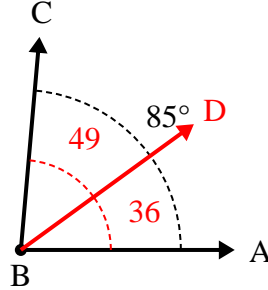
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 40 degrees.

B. What is the measure of angle DBC?

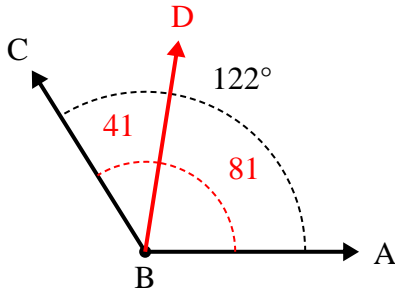
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 36 degrees.

B. What is the measure of angle DBC?

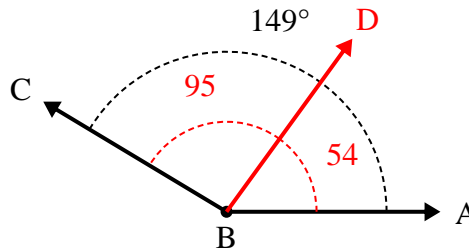
3)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 41 degrees.

B. What is the measure of angle ABD?

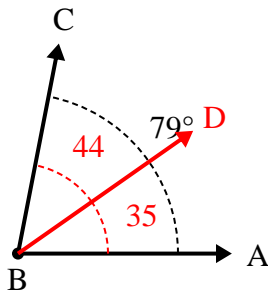
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 54 degrees.

B. What is the measure of angle DBC?

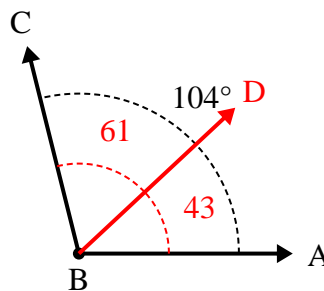
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 35 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 ABD measuring 43 degrees.

B. What is the measure of angle DBC?

**Answers**

1. **36°**
2. **49°**
3. **81°**
4. **95°**
5. **44°**
6. **61°**