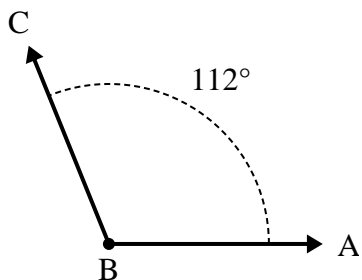




Solve each problem.

**Answers**

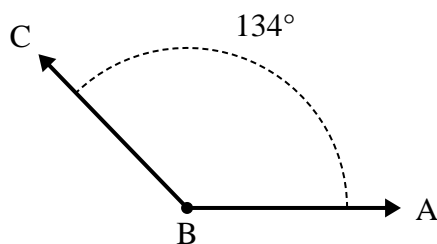
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 34 degrees.

B. What is the measure of angle ABD?

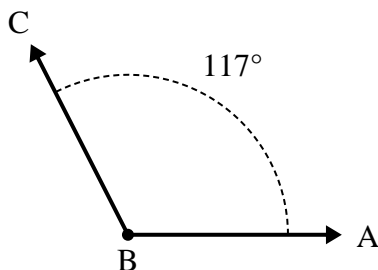
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 91 degrees.

B. What is the measure of angle DBC?

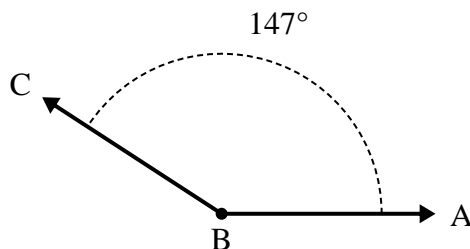
3)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 66 degrees.

B. What is the measure of angle DBC?

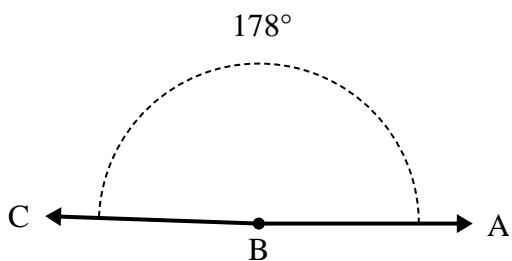
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 48 degrees.

B. What is the measure of angle DBC?

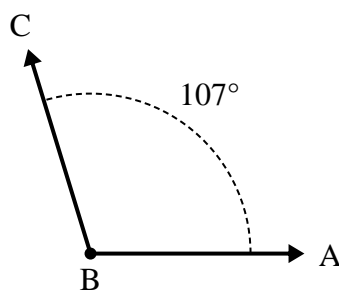
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 112 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 58 degrees.

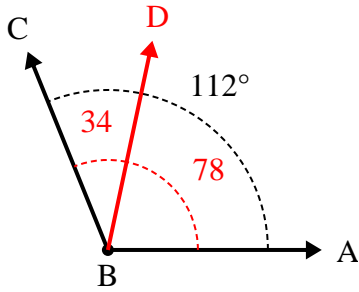
B. What is the measure of angle DBC?

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



Solve each problem.

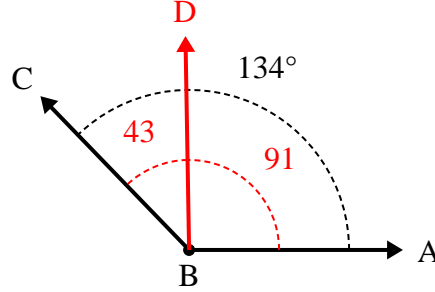
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 34 degrees.

B. What is the measure of angle ABD?

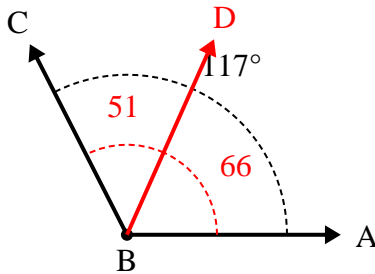
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 91 degrees.

B. What is the measure of angle DBC?

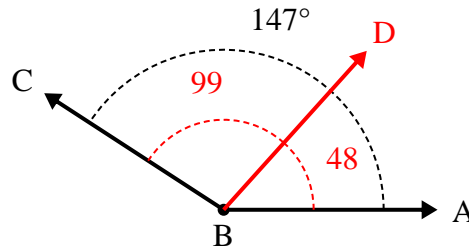
3)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 66 degrees.

B. What is the measure of angle DBC?

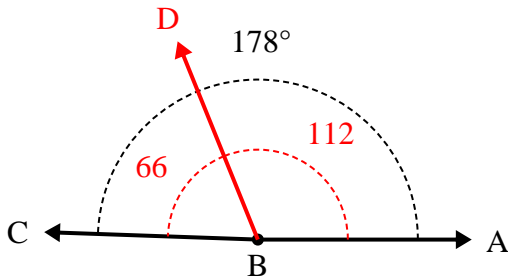
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 48 degrees.

B. What is the measure of angle DBC?

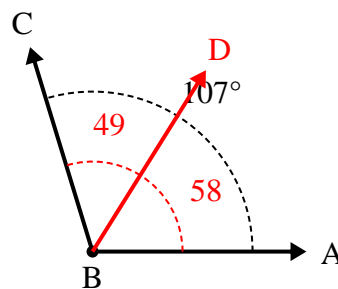
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 112 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 58 degrees.

B. What is the measure of angle DBC?

**Answers**

1. **78°**
2. **43°**
3. **51°**
4. **99°**
5. **66°**
6. **49°**