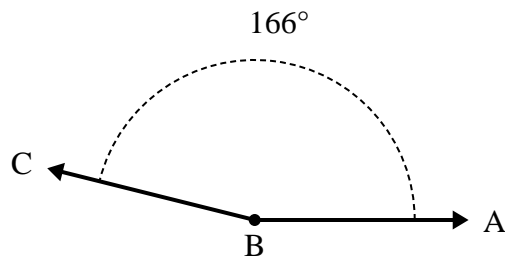




Solve each problem.

**Answers**

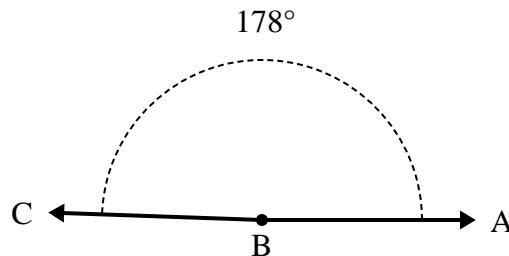
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 92 degrees.

B. What is the measure of angle DBC?

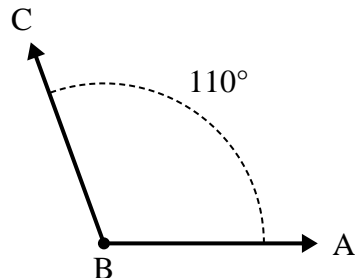
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 132 degrees.

B. What is the measure of angle DBC?

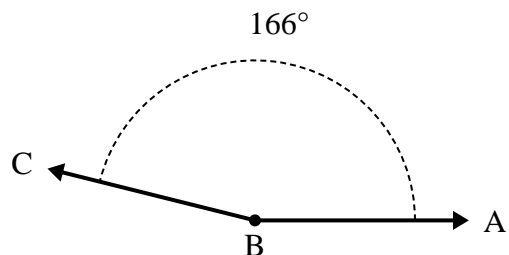
3)



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?

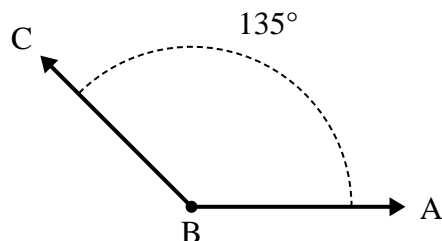
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 97 degrees.

B. What is the measure of angle ABD?

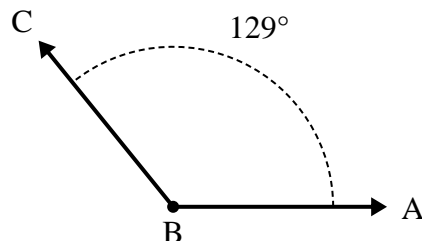
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 93 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 39 degrees.

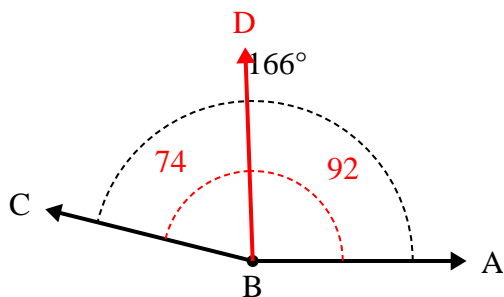
B. What is the measure of angle DBC?

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



Solve each problem.

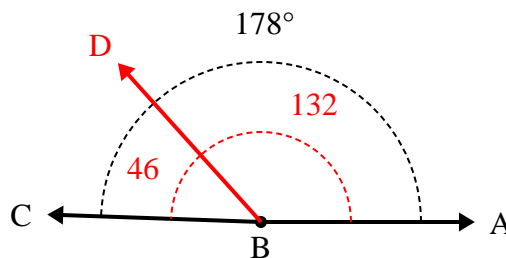
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 92 degrees.

B. What is the measure of angle DBC?

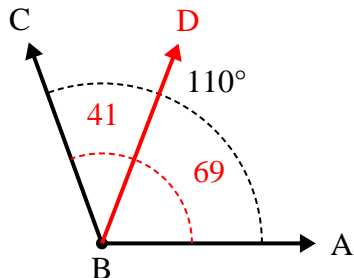
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 132 degrees.

B. What is the measure of angle DBC?

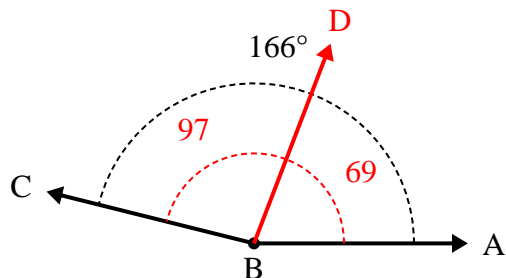
3)



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?

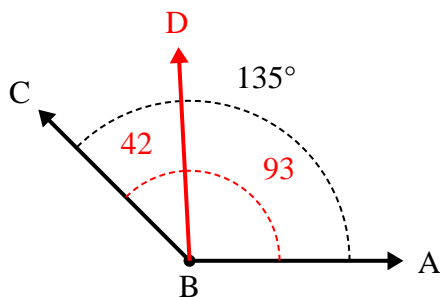
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 97 degrees.

B. What is the measure of angle ABD?

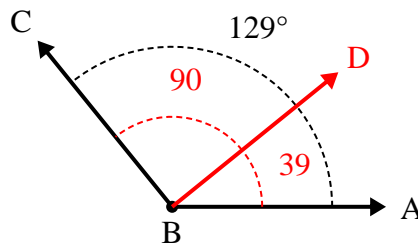
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 93 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 39 degrees.

B. What is the measure of angle DBC?

**Answers**

1. **74°**
2. **46°**
3. **69°**
4. **69°**
5. **42°**
6. **90°**