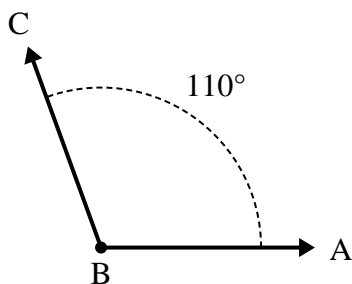


Solve each problem.

**Answers**

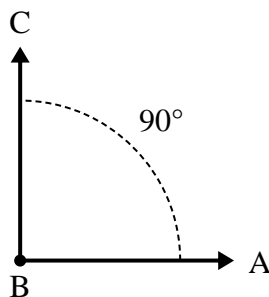
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 73 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 DBC measuring 47 degrees.

B. What is the measure of angle ABD?

1. \_\_\_\_\_

2. \_\_\_\_\_

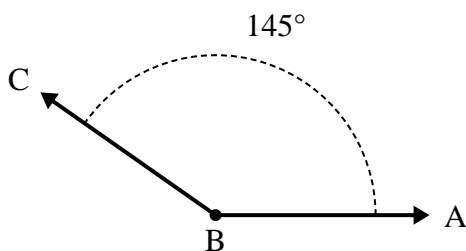
3. \_\_\_\_\_

4. \_\_\_\_\_

5. \_\_\_\_\_

6. \_\_\_\_\_

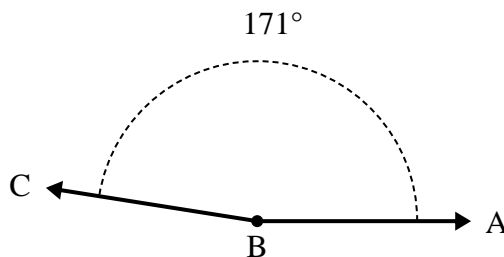
3)



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

B. What is the measure of angle ABD?

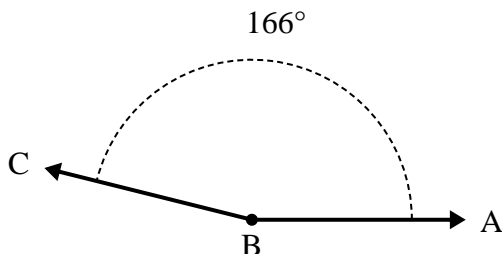
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 69 degrees.

B. What is the measure of angle DBC?

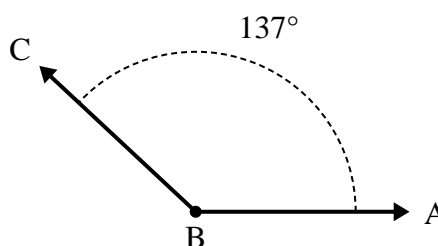
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 130 degrees.

B. What is the measure of angle ABD?

6)



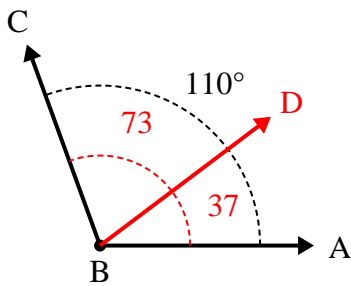
A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 78 degrees.

B. What is the measure of angle DBC?



Solve each problem.

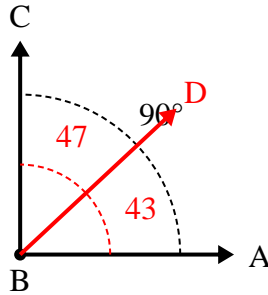
1)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 73 degrees.

B. What is the measure of angle ABD?

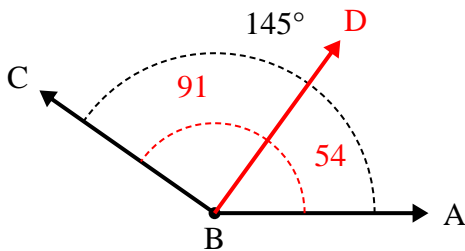
2)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 47 degrees.

B. What is the measure of angle ABD?

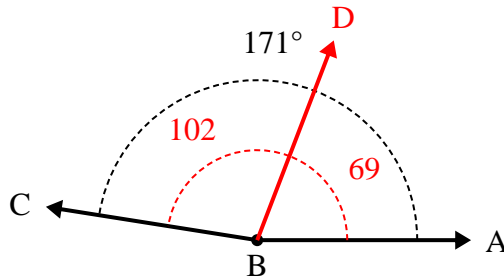
3)



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

B. What is the measure of angle ABD?

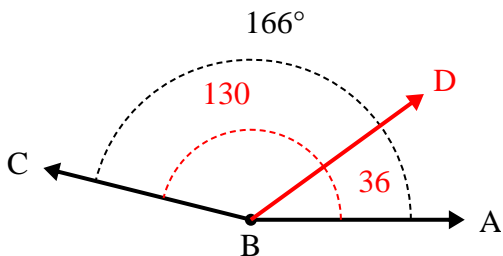
4)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 69 degrees.

B. What is the measure of angle DBC?

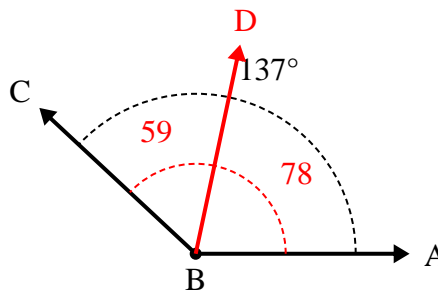
5)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle DBC measuring 130 degrees.

B. What is the measure of angle ABD?

6)



A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 78 degrees.

B. What is the measure of angle DBC?

**Answers**

1. **37°**
2. **43°**
3. **54°**
4. **102°**
5. **36°**
6. **59°**