## 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 47 degrees.
B. What is the measure of angle ABD?
3)

A. Draw and label ray BD so that it cuts angle $A B C$ into two smaller angles, with angle ABD measuring 110 degrees.
B. What is the measure of angle DBC?
5)

A. Draw and label ray BD so that it cuts angle $A B C$ into two smaller angles, with angle DBC measuring 143 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 48 degrees.
B. What is the measure of angle ABD ?
5. $\qquad$
4)

A. Draw and label ray BD so that it cuts angle ABC into two smaller angles, with angle ABD measuring 42 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 44 degrees. B. What is the measure of angle DBC?

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