

**CHAPTER
1**

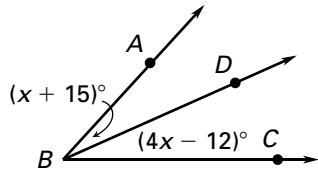
Quiz 2

For use after the lessons "Measure and Classify Angles", "Describe Angle Pair Relationships" and "Classify Polygons"

In the diagram, \overrightarrow{BD} bisects $\angle ABC$. Find $m\angle ABD$ and $m\angle DBC$.

Answers

1.

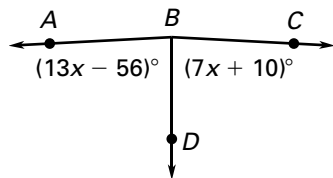


1. _____

2. _____

3. _____

2.

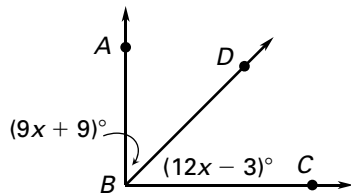


4. _____

5. _____

6. _____

3.



7. _____

8. _____

9. _____

10. _____

Find the measure of the complement of $\angle 1$ and the measure of the supplement of $\angle 1$.

4. $m\angle 1 = 51^\circ$

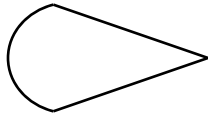
5. $m\angle 1 = 17^\circ$

6. $m\angle 1 = 80^\circ$

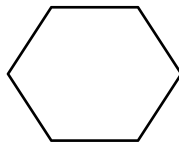
7. $m\angle 1 = 3^\circ$

Tell whether the figure is a polygon. If it is not, explain why. If it is a polygon, tell whether it is *convex* or *concave*.

8.



9.



10.

