Name _____ **Date** _____

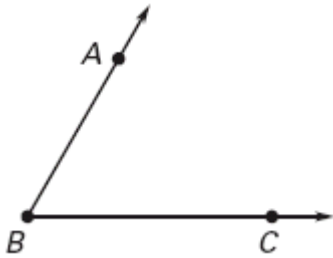## Practice B
For use with pages 24–34

Use a protractor to measure the angle to the nearest degree. Write two names for the angle. Then name the vertex and the sides of the angle.
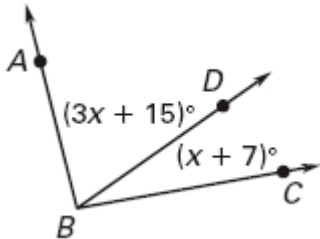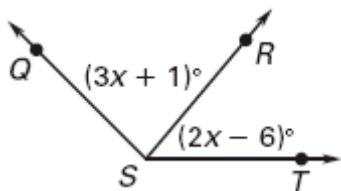
1.   **2.**

Use the given information to find the indicated angle measure.
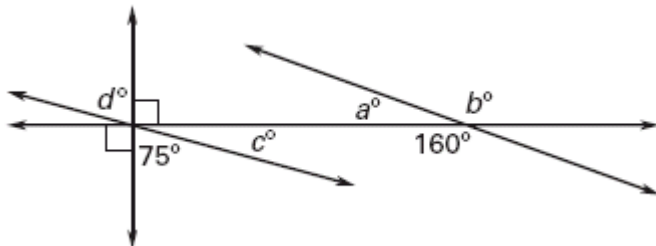
3. Given $m\angle ABC = 94°$, find $m\angle CBD$

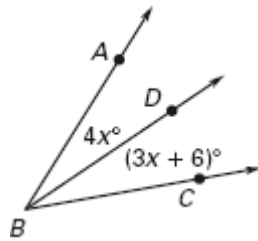**4.** Given $m\angle QST = 135°$, find $m\angle QSR$.

Find the indicated angle measure.

5. $a°$
6. $b°$
7. $c°$
8. $d°$

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

9.
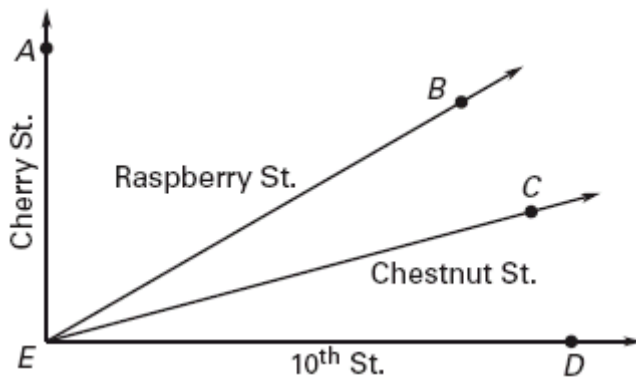
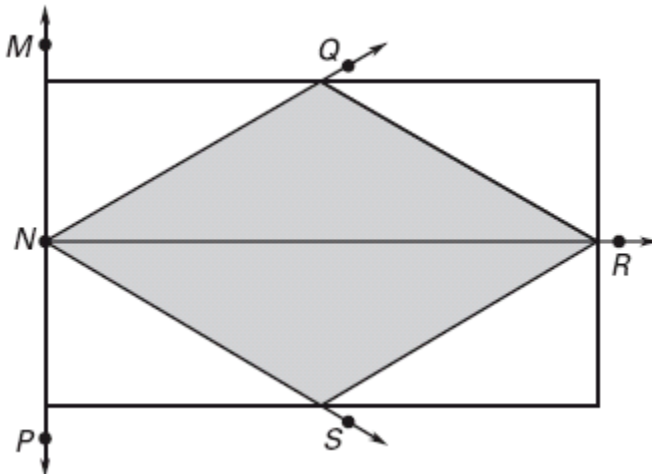**10.**

NM3C01DDD

$4x°$

$(3x + 6)°$

$(8x - 16)°$ $(4x + 20)°$
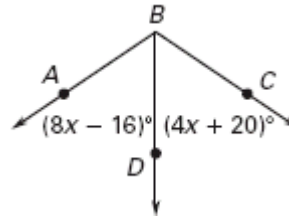
11. **Streets** The diagram shows the intersection of four streets. In the diagram, $m\angle AEB = 60°$, $m\angle BEC = m\angle CED$, and $\angle AED$ is a right angle. What is the measure of $\angle CED$?

Cherry St.

Raspberry St.

Chestnut St.

10ᵗʰ St.

12. **Flags** In the flag shown, $\angle MNP$ is a straight angle and $\overrightarrow{NR}$ bisects $\angle MNP$ and $\angle QNS$.

a. Which angles are acute? obtuse? right?
b. Identify the congruent angles.
c. If $m\angle QNR = 30°$, find $m\angle MNR$, $m\angle RNS$, $m\angle QNS$, and $m\angle QNP$.