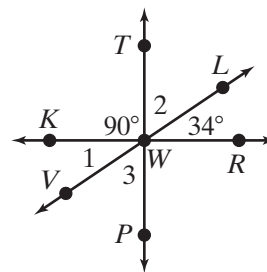# Practice 9-2

Angle Relationships and Parallel Lines
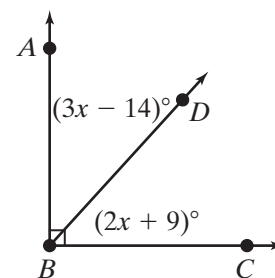
Find the measure of each angle in the figure at the right.

1. $m\angle 1$ _____

2. $m\angle 2$ _____

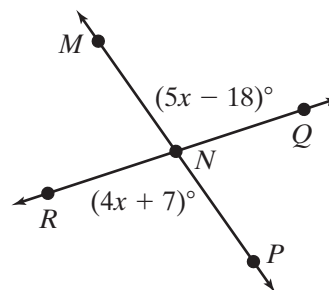**3.** $m\angle 3$ _____

4. $m\angle VWR$ _____

Use the figure at the right for Exercises 5-8.

5. Write an equation. _____

6. Find the value of x. _____

7. Find $m\angle ABD$. _____

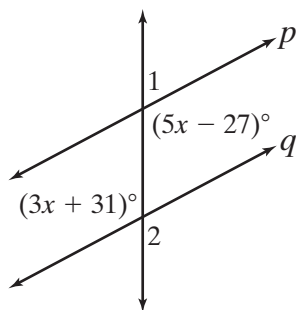**8.** Find $m\angle DBC$. _____

Use the figure at the right for Exercises 9-12.

9. Write an equation. _____

10. Find the value of x. _____

11. Find $m\angle MNQ$. _____
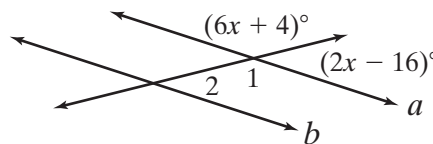
12. Find $m\angle MNR$. _____

In each figure, find the measures of $\angle 1$ and $\angle 2$.

13. Given $p \parallel q$.

14. Given $a \parallel b$.

$m\angle 1 = $ _____ $m\angle 2 = $ _____

$m\angle 1 = $ _____ $m\angle 2 = $ _____

15. Find a pair of complementary angles such that the difference of their measures is 12°.

_____