

Name _____

Date _____

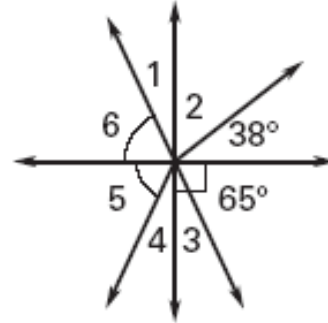
LESSON 3.6

Practice C

For use with pages 190–197

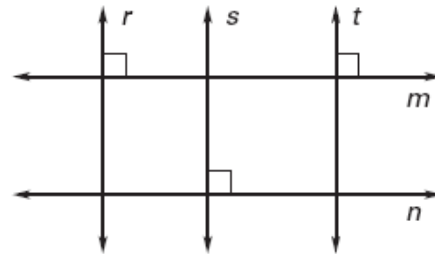
Find the measure of the indicated angle.

1. $\angle 1$
2. $\angle 2$
3. $\angle 3$
4. $\angle 4$
5. $\angle 5$
6. $\angle 6$



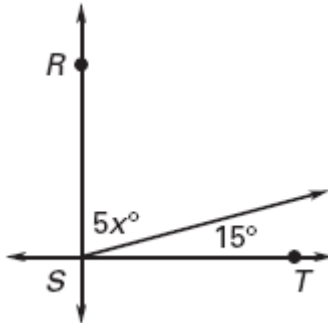
In Exercises 7-9, use the diagram.

7. Is $r \parallel s$?
8. Is $m \parallel n$?
9. Is $r \parallel t$?

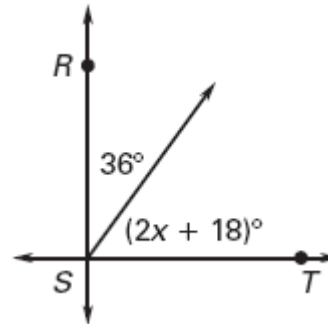


In each diagram, $\overrightarrow{RS} \perp \overrightarrow{ST}$. Find the value of x .

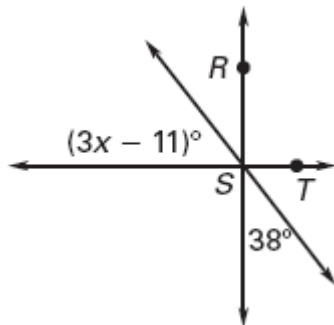
10.



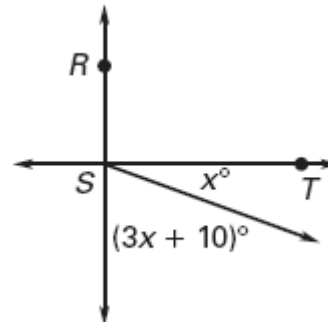
11.

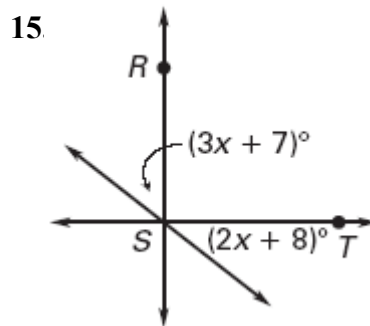
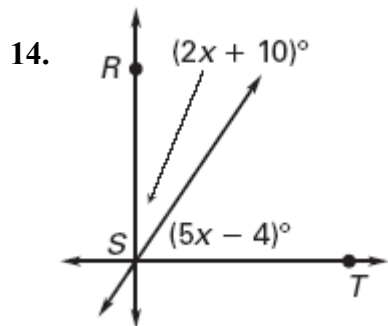


12.

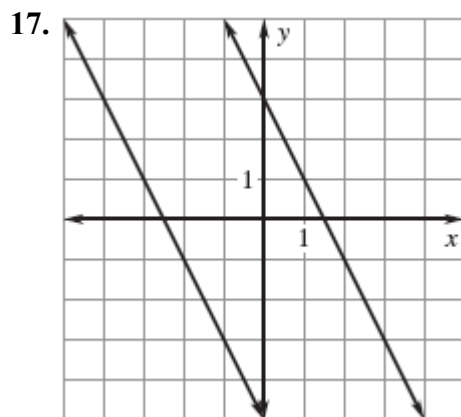
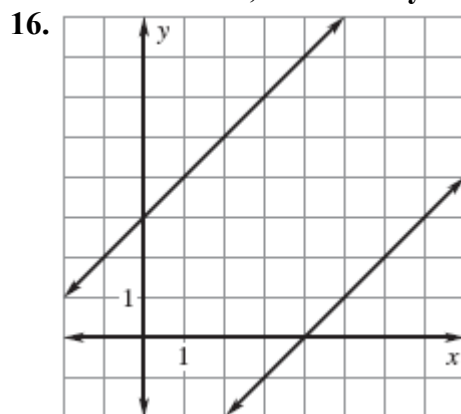


13.





Use the Distance Formula to find the distance between the two parallel lines. Round to the nearest tenth, if necessary.



18. **Finding Coordinates** Find the value of k such that the line containing point $(2, k)$ is perpendicular to the line $y = 2x - 3$ at point $(4, 5)$.