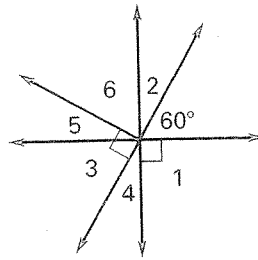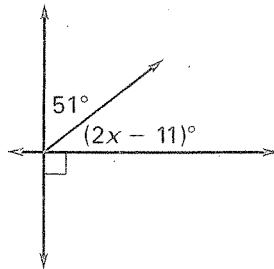Row by Row: Angle pair relationships.

Directions for Partners' Work: Now that each of you has completed the problems on each sheet, you will work together, Row by Row, to see if your answers for each number match. Here's the catch... the problems on each sheet are different, but the answers should be the same for each row. If they don't match, share your work, determine which one is correct and fix the one that is incorrect.

	We Match!! Our answer is...	We didn't match but, we're showing/explaining our correction(s) below...
1.		
2.		
3.		
4.		
5.		

1.

Find the measure of the indicated angle.

10. $\angle 1$

2.

Find the value of x.

51°

$(2x - 11)°$

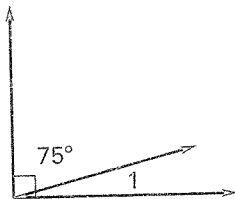**3.**

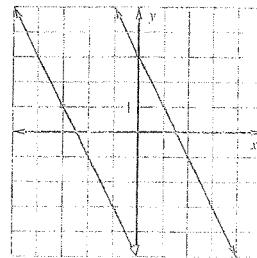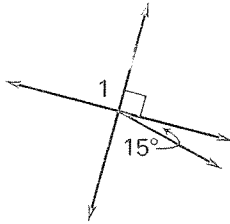Find the measure of the indicated angle.

$\angle 5$

4.

Find $m\angle 1$.

75°
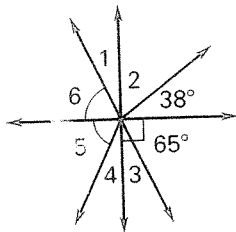
1

5. Use the Distance Formula to find the distance between the two parallel lines. Round to the nearest tenth, if necessary.
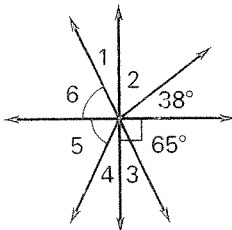
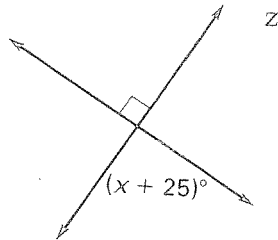Row by Row: Working with Theorems about Perpendicular Lines   Student A_____

1.

Find $m\angle 1$.

1

15°

2.

Find the measure of the indicated angle.

$\angle 3$

1
2
6
38°
5
65°
4 3

3.

Find the value of x.

z

$(x + 25)°$

4.

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

R

$5x°$ 15°

S   T
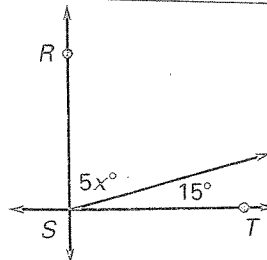
5. Find the distance from point A to line c. Round your answers to the nearest tenth.

y

c

−1

1

A

x