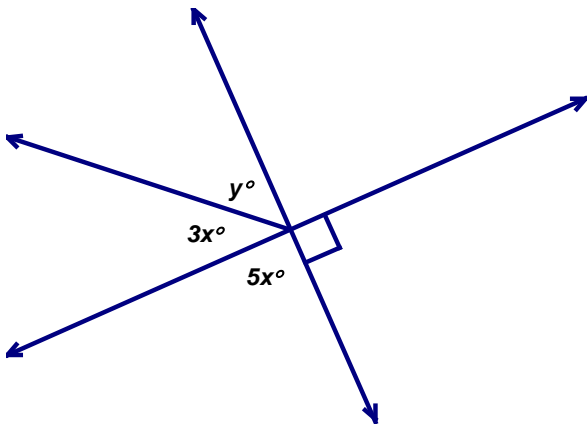


Example Problem:



First you must decide which relationship exists between the angles:

- Are the angles equal?
- Do they add to 90° ?
- Do they add to 180° ?

Answer the question.
 Write the correct algebraic equation.
 Solve.

In this case:

$$5x = 90$$

$$y + 3x = 90$$

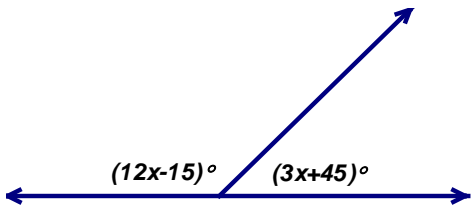
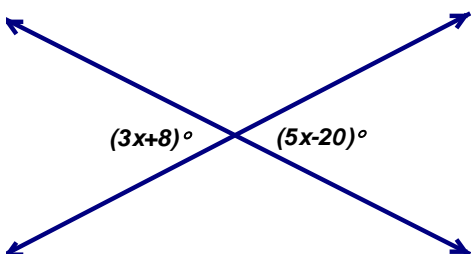
$$5x + y + 3x = 180$$

We can solve the first equation and find $x = 18$.
 Then we can find the y value by substituting into either equation and solving $y = 36$.

Find all unknown values. Fill in the table to organize the thought process...

Question	Relationship	Equation	Answer(s)
1)			
2)			
3)			
4)			



Question	Relationship	Equation	Answer(s)
5) 			
6) 			

7) One angle is twice as large as its complement. Find the measure of both angles.