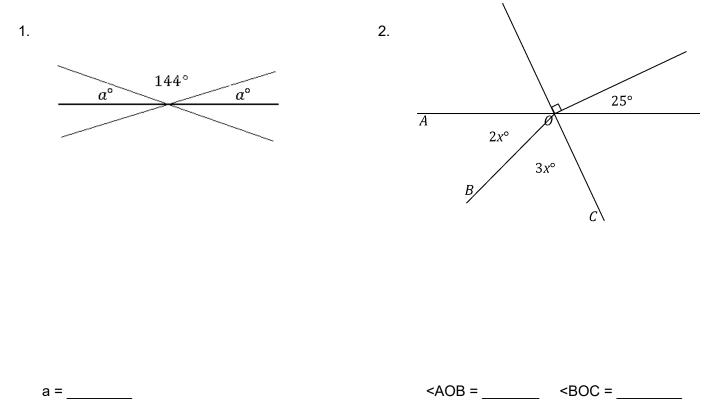
Using Algebra to Find Missing Angle Measures

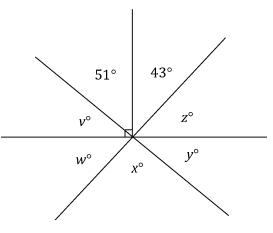
NAME

Write an equation to find the missing angle measures.



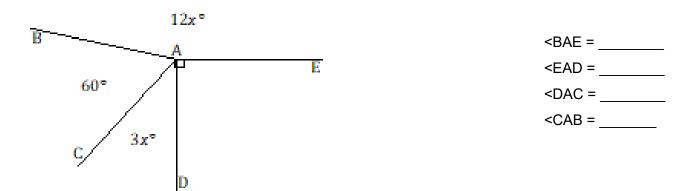
3. Three lines meet at a point that is also the endpoint of a ray. Set up and solve an equation to find the value of each variable in the diagram.

V = _____ W = _____ X = _____ Y = _____

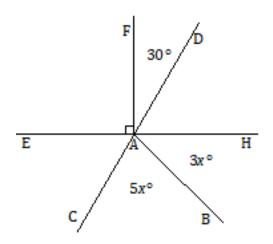


Z =_____

4. Set up and solve an equation to find x and then find each angle in the diagram.

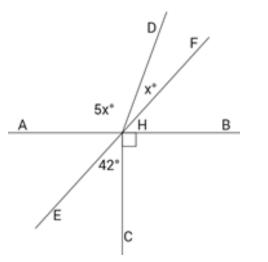


5. Set up and solve an equation to find x and then find each angle in the diagram.

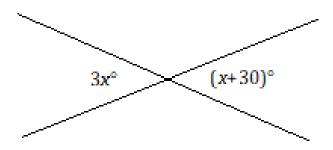


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6. Set up and solve an equation to find x and then find each angle in the diagram.



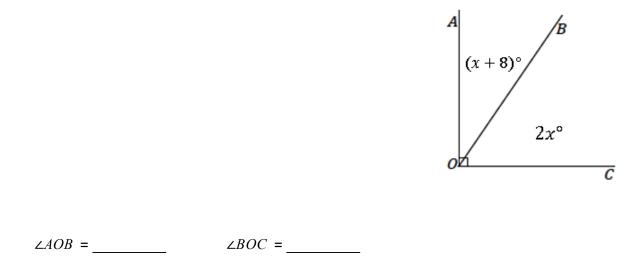
7. Set up and solve an equation to find x. Then find the measure of each angle in the diagram.



8. Set up and solve an equation to find x. Then find the measure of each angle in the diagram.

(x+54)° 4x°

9. Set up and solve an equation to find the value of x. Find the measurement of $\angle AOB$ and of $\angle BOC$.



5. Set up and solve an equation to find the value of x. Find the measurement of $\angle AOB$ and of $\angle BOC$.

