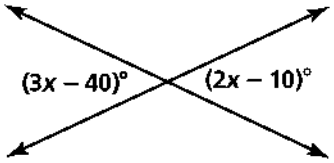
Name_____ Class _____ Date _____

Practice 2-5

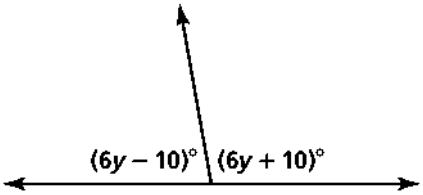
Proving Angles Congruent

Find the values of the variables.

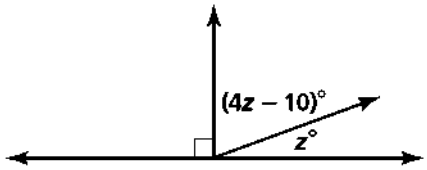
1.



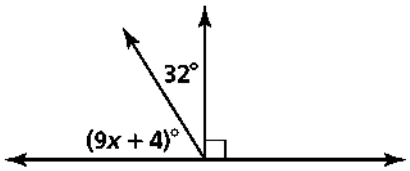
2.



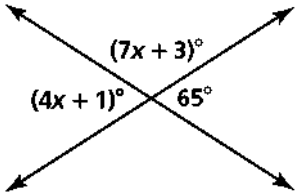
3.



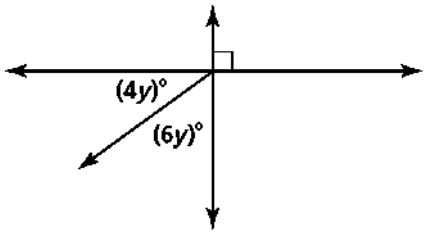
4.



5.



6.



Find the measure of each angle.

7. $\angle A$ is three times as large as its supplement, $\angle B$.

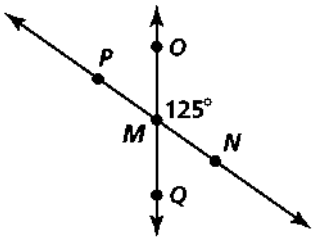
8. $\angle A$ is one fourth as large as its supplement, $\angle B$.

9. $\angle A$ is five times as large as its complement, $\angle B$.

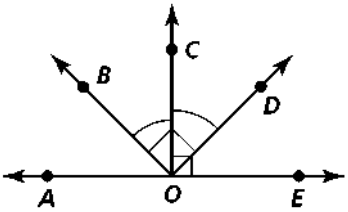
10. $\angle A$ is one eighth as large as its complement, $\angle B$.

Write three conclusions that can be drawn from each figure.

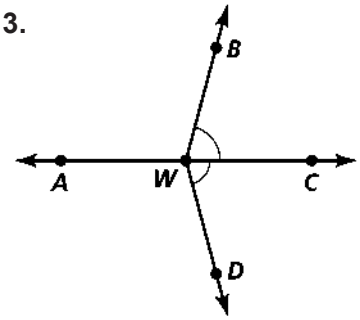
11.



12.



13.



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