NAME _____

Date _____ Class_____

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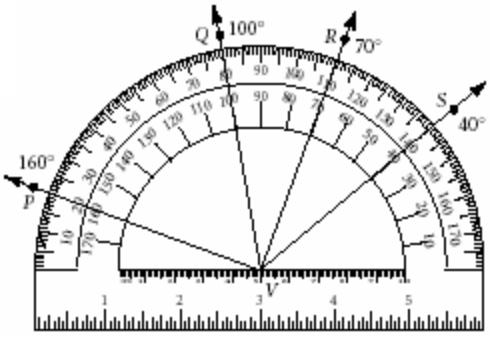
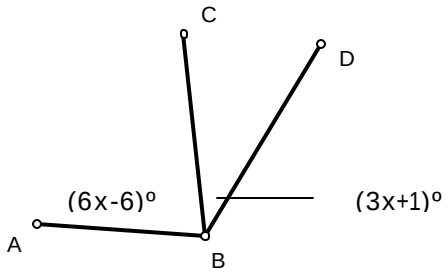
Angles: Practice A

In #'s 1-6, find the measures of the angles using the diagram at the right.

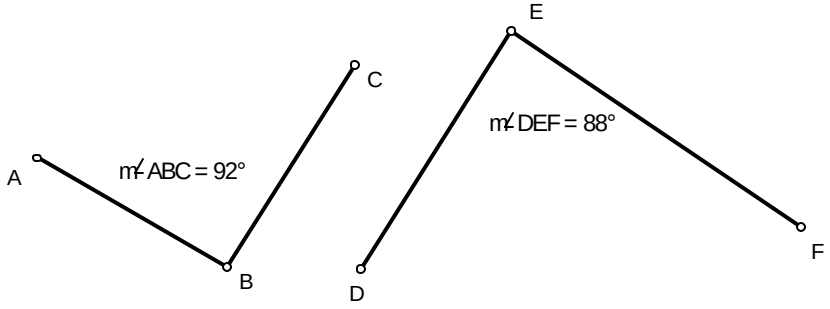


1. m∠*SVR* _____
2. m∠*SVQ* _____
3. m∠*SVP* _____
4. m∠*RVQ* _____
5. m∠*PVR* _____
6. Name all sets of congruent angles in the diagram below.

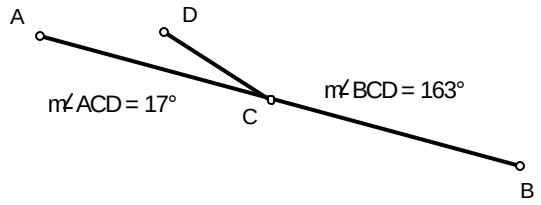
7. Solve for *x*, then find m∠ CBD given that m∠ ABD = (43+x)°.



8. Describe the two angles below using a vocabulary term.



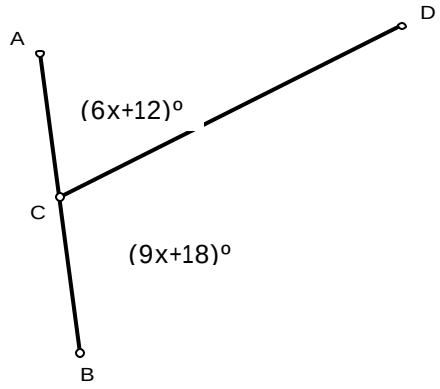
9. Describe the angles below using a vocabulary term. What is different about the angles in **#8** & **#9**?



10. Compare and contrast supplementary and complimentary angles.

11. In engineering, a unit of measure known as a gradian is sometimes used. There are 100 gradians in a right angle. Is 1 gradian smaller or larger than 1 degree? Explain why.

12. Given that A, B, C are collinear, solve for *x*, then find $m\angle$ ACD.



13. ∠ ACD and ∠ DCE are complimentary. ∠ACD and ∠ DCB are supplementary. Of those 3 angles, which has the largest angle measure? Explain your reasoning.