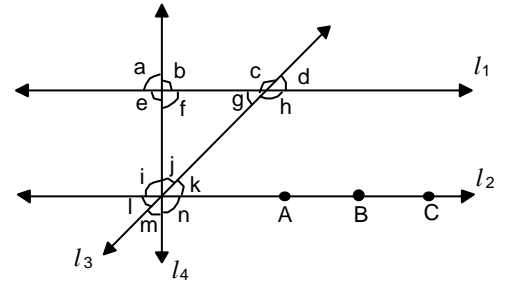


Mth 075: Applied Geometry

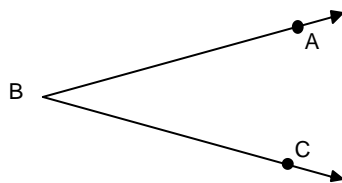
MODULE ONE REVIEW ASSIGNMENT

Given the figure at the right:

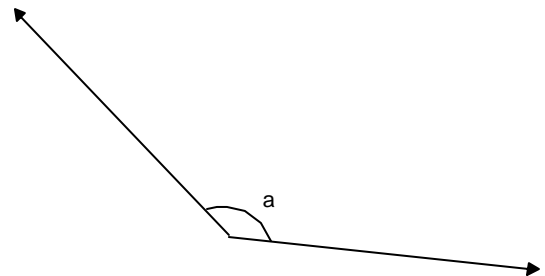
$$\angle a = 90^\circ \quad \angle i = 90^\circ$$



1. Name an acute angle.
2. Name an obtuse angle.
3. Name a right angle.
4. Name a straight angle.
5. Give an angle complementary to $\angle k$.
6. Give an angle supplementary to $\angle d$.
7. Name a line perpendicular to l_4 .
8. Name an angle adjacent to $\angle k$.
9. Name a pair of vertical angles.
10. Name a pair of alternate interior angles.
11. Name a pair of corresponding angles.
12. Given the following figure, give two ways to name the angle.

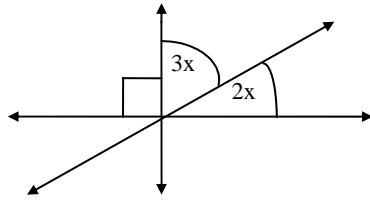


13. Measure $\angle a$ angle a to the nearest degree.

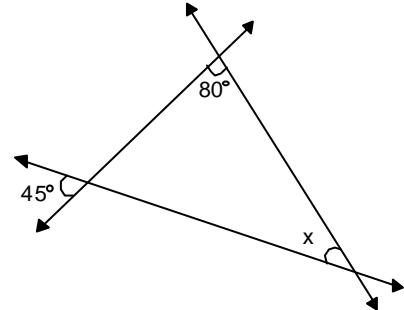


14. Draw an angle of 27° .

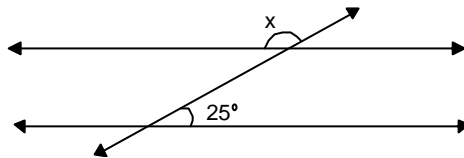
15. Given the following figure, find the value for x .



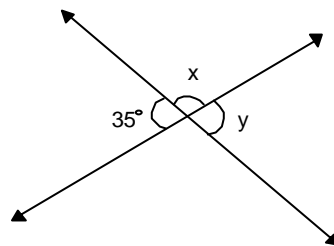
16. Given the following figure, find the measure of $\angle x$.



17. Given the following figure, find the measure of $\angle x$.



18. Given the figure at the right,
find the measure of $\angle x$.



19. Given the figure at the right,
find the measure of $\angle y$.

20. Given the following figure, find the
measure of $\angle x$.

