CA Grade 6 Standard 6.MG.2.2

MULTIPLE CHOICE

1. Ingrid drew a 50º angle. What is the measure of an angle supplementary to the angle Ingrid drew?

   A. 40º
   B. 85º
   C. 130º
   D. 220º

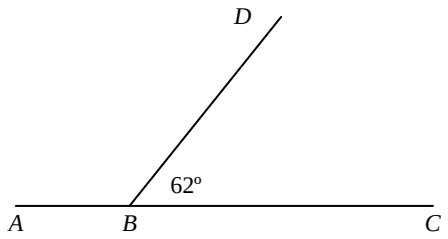
2. What is the measure of each angle of an equilateral triangle?

   A. 45º
   B. 60º
   C. 75º
   D. 90º

3. A fire truck parked several feet away from a burning building. The truck extended its ladder to the top of the building at a 35º angle from the ground. What is the measure of the angle of the fire truck's ladder with the side of the building?

   A. 35º
   B. 45º
   C. 55º
   D. 70º

4. What is the measure of $\measuredangle ABD$ below?

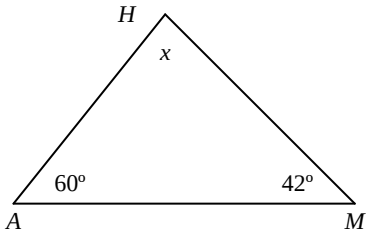


   A. 28º
   B. 73º
   C. 98º
   D. 118º

5. The base angles of an isosceles triangle each measure 42º. What is the measure of the vertex angle of the triangle?

   A. 48º
   B. 84º
   C. 96º
   D. 138º

6. What is the value of x in the triangle below?

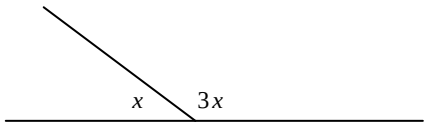


A. 54º
B. 78º
C. 102º
D. 162º

7. In triangle XYZ, $m\angle X$ is 50º and $m\angle Y$ is 35º. What is the $m\angle Z$?

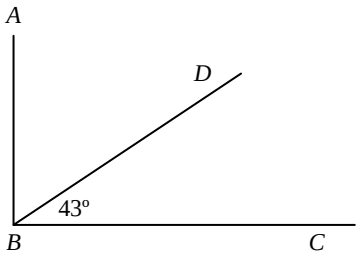
A. 50º
B. 95º
C. 140º
D. 185º

8. The two angles below are supplementary to each other. What is the measure of the larger angle in the figure?



A. 45º
B. 120º
C. 135º
D. 195º

9. What is the measure of $\angle ABD$ below?



A. 2º
B. 32º
C. 47º
D. 137º

10. What is the angle measure of an angle supplementary to an angle with measure 60º?

A. 50º
B. 60º
C. 90º
D. 120º