

Geometry Regents Bimodal Worksheets

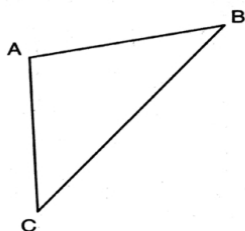
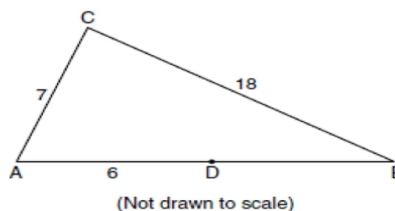
- 1 *fall0812ge, G.G.65*
What is the equation of a line that passes through the point $(-3, -11)$ and is parallel to the line whose equation is $2x - y = 4$?

- 5 *fall0813ge, G.G.66*
Line segment AB has endpoints $A(2, -3)$ and $B(-4, 6)$. What are the coordinates of the midpoint of AB ?

- 2 *060909ge, G.G.30*
In an equilateral triangle, what is the difference between the sum of the exterior angles and the sum of the interior angles?

- 6 *fall0819ge, G.G.33*
In the diagram below of $\triangle ABC$, D is a point on \overline{AB} , $AC = 7$, $AD = 6$, and $BC = 18$.

- 3 *080903ge, G.G.31*
In the diagram of $\triangle ABC$ below, $\overline{AB} \cong \overline{AC}$. The measure of $\angle B$ is 40° .



What could the length of \overline{DB} be?

What is the measure of $\angle A$?

- 7 *fall0815ge, G.G.12*
A rectangular prism has a volume of $3x^2 + 18x + 24$. Its base has a length of $x + 2$ and a width of 3. What expression represents the height of the prism?

- 4 *fall0820ge, G.G.71*
The diameter of a circle has endpoints at $(-2, 3)$ and $(6, 3)$. What is an equation of the circle?

- 8 *fall0822ge, G.G.63*
The lines $3y + 1 = 6x + 4$ and $2y + 1 = x - 9$ are?