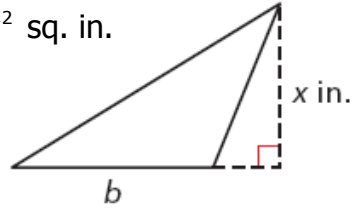


HWK #2 Triangle and Trapezoid (Due: _____)

1. Find the base of a triangle in which $A = x^2$ sq. in.

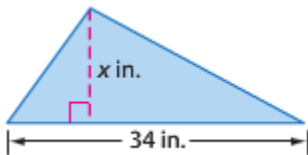


2. Find the area of the triangle 50 cm^2 , the height is 4 times the base. What is the base?

3. The area of an equilateral triangle is $2\sqrt{3}$ sq. ft. Find the perimeter of the triangle.

4. The perimeter of an isosceles trapezoid is 40 feet. The bases of the trapezoid are 11 ft. and 19 ft. Find the area of the trapezoid.

5. $A = 357$. Find x .



6. Find the area of a trapezoid where $b_1 = x$ in, $b_2 = 5x$ in, and $h = 8x$ in.