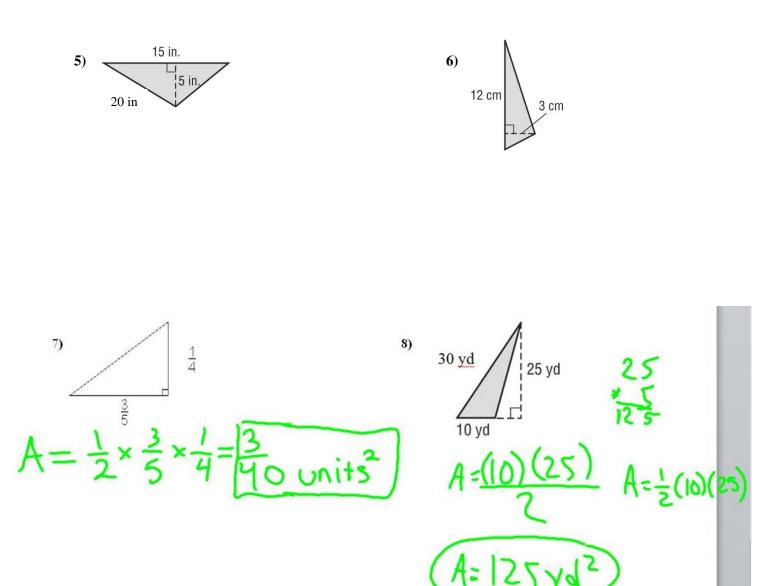
## **Area of Triangles** Classifying Triangles by their Angles Classifying Triangles by their Sides Isosceles - two sides Equilateral - all Scalene - no sides Obtuse - one Acute - all angles Right - one right sides congruent congruent are congruent obtuse angle acute angle b h h 6(3 18 A = 4(4)(3 A= • 5() A = 2.5(3)units whits $A = 7.5 \text{ white }^2$ Find the area of each triangle. Label your answer appropriately. 1) 2) b = || unitsh = 3 unitsb= 6 units, h= 5 units $A = \frac{1}{2}(3)(11)$ $= \frac{1}{2}(33) \neq 16.5$ h $A = \frac{1}{2}(6)(5) = 3(5) = 15 \text{ mits}^{2}$ Г 3) 4) 12 ft 6 ft 8 km 6 km 10 ft 3 ft [0](6)6 km



What if we have to find the base or height measurement when given the area?

Find the missing dimension. Label your answer appropriately.

A= - bh

9) base: 4 in. area:  $22 \text{ in}^2$ 

**10**) height: 1 yd area:  $2.5 \text{ yd}^2$ 

12

 $22 = \frac{1}{2}$ 

