

**Warm-Up: Find the area of the Triangle**

**Find the area of triangle XYZ  
if  $x = 14$ ,  $y = 14$  and  $z = 10$ .**

**Round to the nearest tenth.**

$$s = \frac{14 + 14 + 10}{2} = 19$$

$$A = \sqrt{19(19-14)(19-14)(19-10)}$$

$$A = 65.4 \text{ units}^2$$