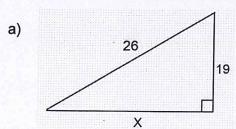
## Bellwork

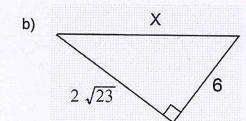
## Geo

## Friday, March 20, 2020

This bellwork is review of problems from Sec 8-1

1. Find the value of x in simplified radical form.





2. All three sides of a right triangle are whole numbers. Two of the sides are given, find the third side. In other words, find the third number of each Pythagorean Triple.

72,75,		
129139		

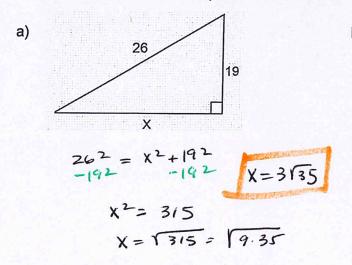
- 3. Each group of numbers represents the lengths of the sides of a triangle. Determine if each triangle is Right, Acute, or Obtuse.
- a) 16,30,37

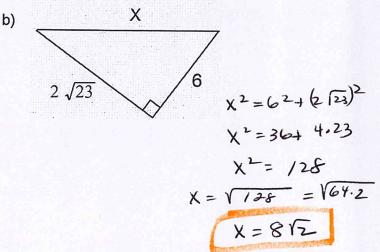
b) 24,45,49

## Bellwork Geo Friday, March 20, 2020 This bellwork is review of problems from Sec 8-1

Answers

1. Find the value of x in simplified radical form.

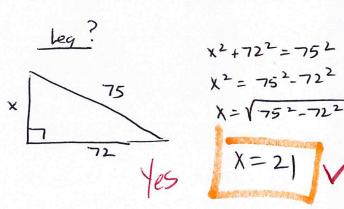




2. All three sides of a right triangle are whole numbers. Two of the sides are given, find the third side. In other words, find the third number of each Pythagorean Triple.

72,75,

hypotenuse?  $X^{2} = 72^{2} + 75^{2}$   $X = \sqrt{72^{2} + 75^{2}}$   $X = \sqrt{3}$   $X = \sqrt{3}$   $X = \sqrt{3}$ 



3. Each group of numbers represents the lengths of the sides of a triangle. Determine if each triangle is Right, Acute, or Obtuse.

b) 24,45, **10** 

a) 
$$16,30,37$$

$$C^{2} = 37^{2} = /369$$

$$a^{2} + b^{2} = 16^{2} + 30^{2} = 1/56$$

$$1369 > 1156$$

$$C^{2} > a^{2} + b^{2}$$

$$OBTUSE \triangle$$

