

Geometry (G.SRT.6)

Unit Two: Post-Assessment Trigonometry Introduction (HW19)

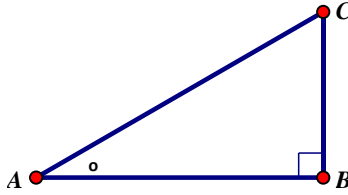
Learning to Label Sides based off a reference angle.

Hypotenuse -- Longest Side -- Always Opposite the Right Angle.

Opposite Leg -- Leg of the triangle that does not form the reference angle.

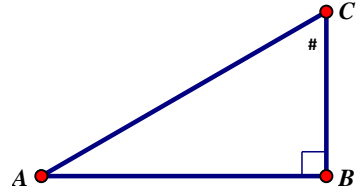
Adjacent Leg -- Non-Hypotenuse leg of the reference angle.

Correctly Label the sides.



Reference Angle is $\angle A$

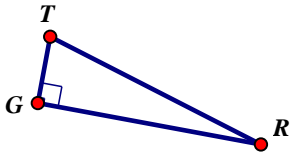
Correctly Label the Sides



Reference Angle is $\angle C$

Determine the correct side based on the reference angle.

a)



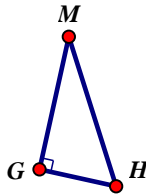
Reference $\angle R$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

b)



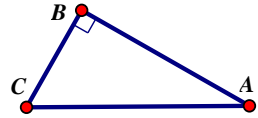
Reference $\angle M$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

c)



Reference $\angle C$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

Geometry (G.SRT.6)

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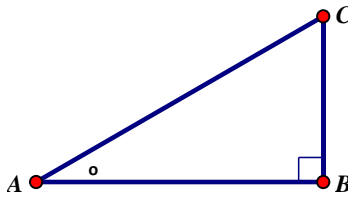
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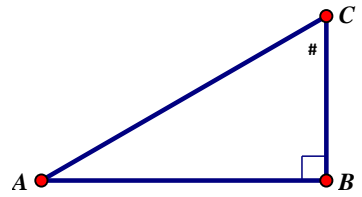
Adjacent Leg -- Non-Hypotenuse leg of the reference angle.

Correctly Label the sides.



Reference Angle is $\angle A$

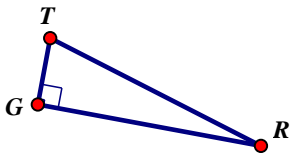
Correctly Label the Sides



Reference Angle is $\angle C$

Determine the correct side based on the reference angle.

a)



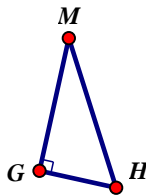
Reference $\angle R$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

b)



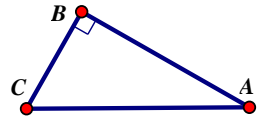
Reference $\angle M$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

c)



Reference $\angle C$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

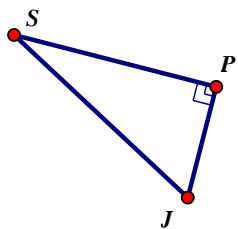
Name: _____

Date: _____ Period: _____

Name: _____

Date: _____ Period: _____

d)



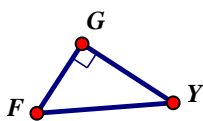
Reference $\angle S$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

e)



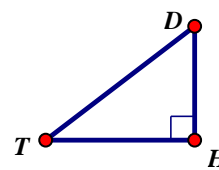
Reference $\angle Y$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

f)



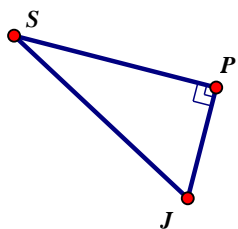
Reference $\angle D$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

d)



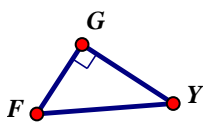
Reference $\angle S$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

e)



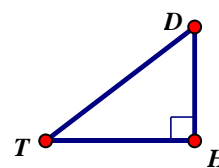
Reference $\angle Y$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____

f)



Reference $\angle D$

Opposite Side _____

Adjacent Side _____

Hypotenuse _____