Name_____

Class _____

Hour _____ Table _____

Objective 1: Determine the possible range of values for a third side of a triangle when given two sides

I can explain to someone else	I can only do; I cannot not explain to others	Not there yet

Teacher comments:

Objective 2: Assuming that you are two given sides of a right triangle, determine two possible triangles

Rate yourself 2A:
leg/leg/unknown hypotenuse

I can explain to someone else	I can only do; I cannot not explain to others	Not there yet

Rate yourself 2B:
unknown leg/leg/ hypotenuse

I can explain to someone else	I can only do; I cannot not explain to others	Not there yet

Teacher comments:

Objective 3: Assuming that you are two given three different numbers, classify related triangles by side and angle

Rate yourself 3A: Triangle is possible

I can explain to someone else	I can only do; I cannot not explain to others	Not there yet

Rate yourself 3B: Triangle is NOT possible

I can explain to someone else	I can only do; I cannot not explain to others	Not there yet

Teacher comments:

Objective 4: Simplification of square roots
Teacher comments:

Rate yourself

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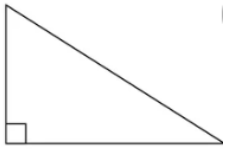
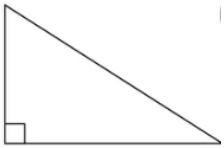
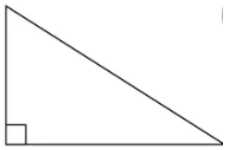
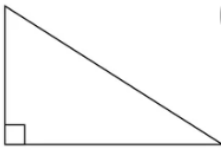
Organizer Version: SHOW YOUR WORK

You are given two sides of a triangle as 16 and 30 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides		You are given two sides of a right triangle as 16 and 30 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario 		You are given two sides of a right triangle as 16 and 30 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario 
Objective 4: Classify each of the following triples (must justify answer)	Triple 1: {16,30,31}	Triple 2: {16,30,46}	Triple 3: {16,30,45}	Triple 4: {16,30,37}

Resourcer Version: SHOW YOUR WORK

You are given two sides of a triangle as 20 and 21 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides		You are given two sides of a right triangle as 20 and 21 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario 		You are given two sides of a right triangle as 20 and 21 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario 
Objective 4: Classify each of the following triples (must justify answer)	Triple 1: {20,21,29}	Triple 2: {21,21,30}	Triple 3: {20,21,41}	Triple 4: {20,21,40}

Name_____

Class _____

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Teacher comments:

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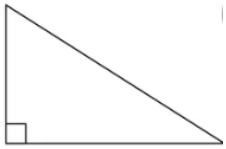
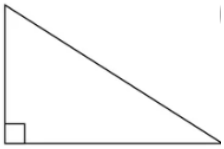
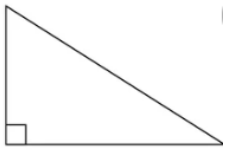
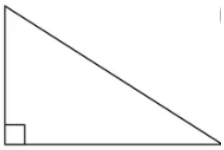
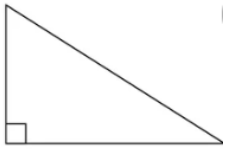
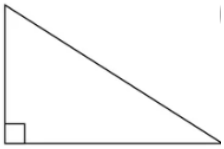
Understander Version: SHOW YOUR WORK

You are given two sides of a triangle as 11 and 61 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides		You are given two sides of a right triangle as 11 and 61 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario 		You are given two sides of a right triangle as 11 and 61 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario 
Objective 4: Classify each of the following triples (must justify answer)	Triple 1: {11,60,61}	Triple 2: {11,60,62}	Triple 3: {11,60,58}	Triple 4: {11,60,63}

Includer Version: SHOW YOUR WORK

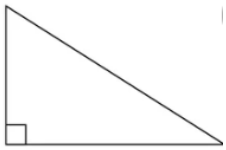
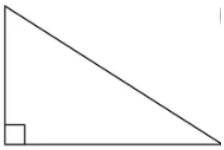
You are given two sides of a triangle as 21 and 28 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides		You are given two sides of a right triangle as 21 and 28 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario 		You are given two sides of a right triangle as 21 and 28 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario 
Objective 4: Classify each of the following triples (must justify answer)	Triple 1: {21,28,47}	Triple 2: {21,28,50}	Triple 3: {21,28,35}	Triple 4: {21,28,32}

Organizer Version: SHOW YOUR WORK

You are given two sides of a triangle as 16 and 30 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides	You are given two sides of a right triangle as 16 and 30 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario  LINK LEG LEG	You are given two sides of a right triangle as 16 and 30 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario  LINK LEG HYP

Objective 4: Classify each of the following triples (must justify answer)	Triple 1: {16,30,31} LINK 16 30 31	Triple 2: {16,30,46} LINK 16 30 46	Triple 3: {16,30,45} LINK 16 30 45	Triple 4: {16,30,37} LINK 16 30 37

Resourcer Version: SHOW YOUR WORK

You are given two sides of a triangle as 20 and 21 Objective 1: Determine the range of the value COULD make ANY triangle that have at least these given sides	You are given two sides of a right triangle as 20 and 21 Objective 2: Determine the exact, the simplified, and approximate side length if this were a LEG/LEG scenario 	You are given two sides of a right triangle as 20 and 21 Objective 3: Determine the exact, the simplified, and approximate side length if this were a LEG/HYP scenario 

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