

Name: _____ Date: _____ Row: _____ Period: _____

NOTES SECTION 8.3: THE CONVERSE OF THE PYTHAGOREAN THEOREM

THEOREM

PYTHAGOREAN TRIPLES

EXAMPLE I

If a triangle is formed with sides having the lengths given, is it a right triangle?

| | | |
|----|----|----|
| a) | b) | c) |
|----|----|----|

THEOREMS

| | | |
|--|--|--|
| | | |
|--|--|--|

EXAMPLE 2

If a triangle is formed with the given lengths, is it acute, right, or obtuse?

| | |
|----|----|
| a) | b) |
| c) | d) |