# Get The Message

DIRECTIONS:

Determine whether or not the given numbers are possible measures for the sides of a right triangle. Circle the appropriate letter next to each set of measures.

When you finish, print the circled letters in the row of boxes at the bottom of the page. FIRST print those from the column marked "Right Triangle," THEN print those from the column marked "Not a Right Triangle."

*A MESSAGE WILL APPEAR!*

| | RIGHT TRIANGLE | NOT A RIGHT TRIANGLE |
|---|---|---|
| ① $a = 3, b = 4, c = 5$ | D | E |
| ② $a = 4, b = 5, c = 6$ | R | V |
| ③ $a = 5, b = 12, c = 13$ | O | A |
| ④ $a = 6, b = 9, c = 11$ | L | E |
| ⑤ $a = 7, b = 24, c = 25$ | G | R |
| ⑥ $a = 8, b = 10, c = 13$ | F | A |
| ⑦ $a = 6, b = 11, c = \sqrt{157}$ | S | R |
| ⑧ $a = 9, b = \sqrt{115}, c = 14$ | O | L |
| ⑨ $a = \sqrt{24}, b = 7, c = 9$ | N | R |
| ⑩ $a = 12, b = 20, c = 24$ | R | U |
| ⑪ $a = 9, b = 40, c = 41$ | F | N |
| ⑫ $a = 1.5, b = 2, c = 2.5$ | T | B |
| ⑬ $a = 2.2, b = 3, c = 3.8$ | E | F |
| ⑭ $a = 10, b = 16, c = \sqrt{356}$ | E | I |
| ⑮ $a = 4, b = \sqrt{150}, c = 13$ | N | F |
| ⑯ $a = \sqrt{139}, b = 12, c = 17$ | R | L |
| ⑰ $a = 30, b = 40, c = 50$ | N | E |
| ⑱ $a = 10, b = 24, c = 26$ | H | A |
| ⑲ $a = \sqrt{7}, b = \sqrt{8}, c = \sqrt{14}$ | E | I |
| ⑳ $a = 0.8, b = 1.5, c = 1.7$ | A | N |
| ㉑ $a = 4.5, b = 4.5, c = 7$ | D | F |
| ㉒ $a = 1, b = 2, c = 3$ | L | E |

*FIRST PRINT THE CIRCLED LETTERS FROM THE "RIGHT TRIANGLE" COLUMN, THEN FROM THE OTHER COLUMN.*


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