

# Greek Decoder

TO DECODE THE MESSAGE AT THE BOTTOM OF THE PAGE:

Figure out the length of the missing side of any right triangle below. Find your answer in the answer column and notice the GREEK LETTER next to it. Each time this GREEK LETTER appears in the code, write the letter of that exercise above it.

KEEP WORKING AND YOU WILL DECODE THE SECRET MESSAGE.

- Ⓢ a = 7, b = \_\_\_\_\_, c = 12
- ⓐ a = 5, b = \_\_\_\_\_, c = 14
- ⓗ a = 8, b = \_\_\_\_\_, c =  $\sqrt{164}$
- ⓓ a = 4, b = 11, c = \_\_\_\_\_
- ⓔ a = 12, b = 5, c = \_\_\_\_\_
- Ⓛ a = \_\_\_\_\_, b = 7, c = 10
- ⓕ a = \_\_\_\_\_, b =  $\sqrt{48}$ , c = 13
- Ⓚ a = \_\_\_\_\_, b = 12, c = 15
- Ⓤ a = 10, b = \_\_\_\_\_, c = 16
- Ⓦ a = 1, b = \_\_\_\_\_, c = 2
- Ⓜ a = 1, b = 1, c = \_\_\_\_\_
- Ⓣ a = 0.8, b = 0.6, c = \_\_\_\_\_
- Ⓝ a = \_\_\_\_\_, b = 1.5, c = 2.5
- Ⓨ a = \_\_\_\_\_, b = 11, c = 17
- ⓐ a = \_\_\_\_\_, b = 24, c = 25
- Ⓟ a =  $\sqrt{75}$ , b = \_\_\_\_\_, c = 15
- Ⓡ a =  $\sqrt{87}$ , b =  $\sqrt{57}$ , c = \_\_\_\_\_
- ⓖ a = \_\_\_\_\_, b = 3, c = 5



## ANSWERS

δ	$\sqrt{156} \div 12.5$
α	$\sqrt{3} \div 1.73$
ζ	$\sqrt{144} = 12$
θ	$\sqrt{137} \div 11.7$
φ	$\sqrt{1} = 1$
π	$\sqrt{171} \div 13.1$
σ	$\sqrt{49} = 7$
ν	$\sqrt{51} \div 7.14$
ς	$\sqrt{16} = 4$
η	$\sqrt{95} \div 9.74$
ε	$\sqrt{168} \div 13.0$
λ	$\sqrt{81} = 9$
τ	$\sqrt{169} = 13$
ξ	$\sqrt{150} \div 12.2$
κ	$\sqrt{100} = 10$
μ	$\sqrt{121} = 11$
β	$\sqrt{2} \div 1.41$
ρ	$\sqrt{4} = 2$

## SECRET MESSAGE

ξ ε φ κ σ ς π ζ σ η α σ η σ μ σ β π δ η ς ζ τ τ λ  
 α κ π λ ρ τ α σ ν ν φ κ τ ζ θ ς κ φ σ ρ ς ν τ η !