

# Cryptic Quiz

1. What is the opposite of a professional eater?

8.8 19.6 18.5 8.8 10.9 8.8 3.3 9.8 70.7 1.4 70.7 14.5

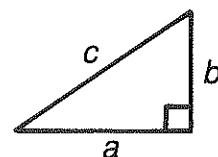
2. How would you describe a job in the Acme Mitten Co. shipping department?

22.4 16.1 19.2 5 19.6 6 68 6 8 16.1 9.2 70.7 6.3

3. What can be right but never wrong?

8.8 19.6 7.4 8.8 19.6 6 8 70.7

For each exercise, find the missing length. (Refer to the diagram at the right.) Round your answer to the nearest tenth (if necessary) and find it in the code. Each time the answer appears, write the letter of the exercise above it.



(H)  $a = 9, b = 4, c = \underline{\hspace{2cm}}$

(E)  $a = 50, b = 50, c = \underline{\hspace{2cm}}$

(O)  $a = 8, b = 14, c = \underline{\hspace{2cm}}$

(B)  $a = \underline{\hspace{2cm}}, b = 20, c = 30$

(S)  $a = \underline{\hspace{2cm}}, b = 3, c = 7$

(V)  $a = 6, b = \underline{\hspace{2cm}}, c = 11$

(M)  $a = \underline{\hspace{2cm}}, b = 5, c = 12$

(W)  $a = 1, b = 1, c = \underline{\hspace{2cm}}$

(G)  $a = \underline{\hspace{2cm}}, b = 8, c = 10$

(X)  $a = \underline{\hspace{2cm}}, b = 16, c = 25$

(C)  $a = 5, b = \underline{\hspace{2cm}}, c = 6$

(A)  $a = 2, b = \underline{\hspace{2cm}}, c = 9$

(R)  $a = 4, b = \underline{\hspace{2cm}}, c = 15$

(L)  $a = \underline{\hspace{2cm}}, b = 15, c = 17$

(I)  $a = 12, b = \underline{\hspace{2cm}}, c = 13$

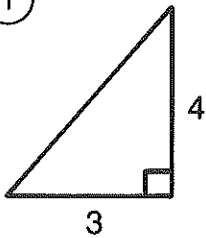
(N)  $a = 10, b = \underline{\hspace{2cm}}, c = 22$

# Why Do Adults Complain So Much?

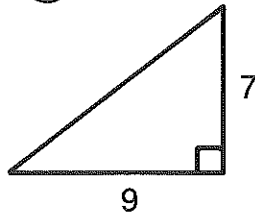
Find the length of the hypotenuse of each right triangle below. Find your answer in the answer column. Write the letter of the answer in the box containing the number of the exercise.



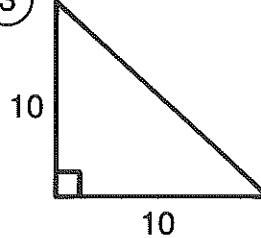
①



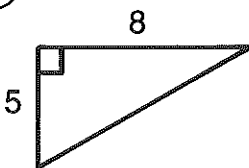
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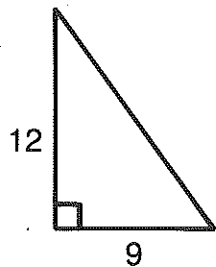
③



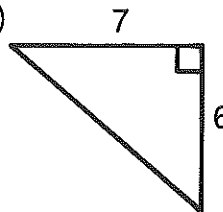
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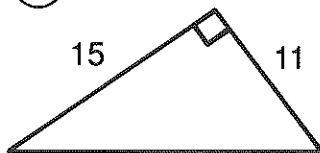
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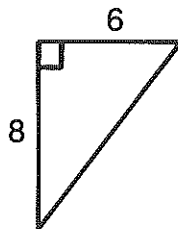
⑥



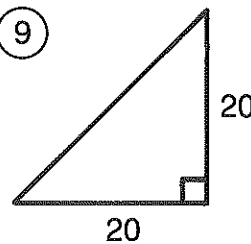
⑦



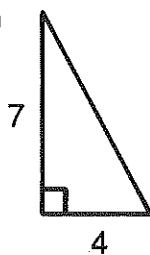
⑧



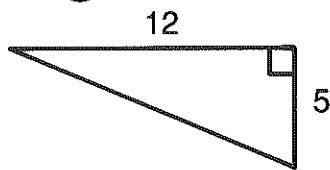
⑨



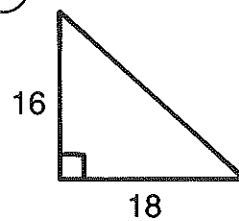
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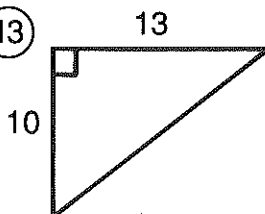
⑪



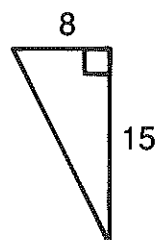
⑫



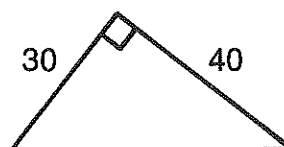
⑬



⑭



⑮



## Answers

- Ⓔ  $\sqrt{85} \approx 9.2$
- Ⓓ  $\sqrt{562} \approx 23.7$
- Ⓐ  $\sqrt{169} = 13$
- Ⓞ  $\sqrt{130} \approx 11.4$
- Ⓤ  $\sqrt{289} = 17$
- Ⓣ  $\sqrt{225} = 15$
- ⓗ  $\sqrt{800} \approx 28.3$
- Ⓔ  $\sqrt{25} = 5$
- Ⓝ  $\sqrt{580} \approx 24.1$
- Ⓡ  $\sqrt{2,500} = 50$
- Ⓢ  $\sqrt{346} \approx 18.6$
- Ⓟ  $\sqrt{89} \approx 9.4$
- Ⓛ  $\sqrt{275} \approx 16.6$
- ⓖ  $\sqrt{65} \approx 8.1$
- Ⓐ  $\sqrt{200} \approx 14.1$
- Ⓡ  $\sqrt{269} \approx 16.4$
- Ⓐ  $\sqrt{100} = 10$

5	9	1	11	3	13	6	10	15	2	8	12	14	4	7
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