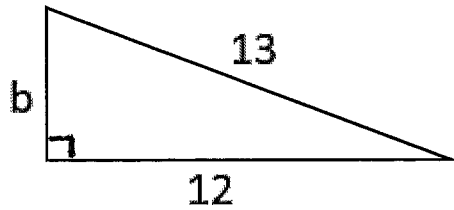


Why Did the Cow Hate the Farmer?

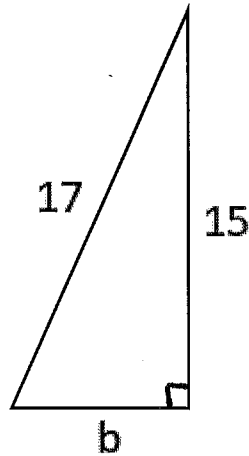
Name _____

Determine the length of the unknown side of each right triangle. Find your answer in the answer column and notice the number to the left of it. Each time this number appears in the code, write the letter of the triangle above it. Keep working and you will decode the answer to the title question.

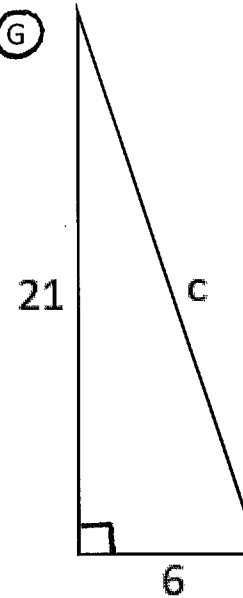
(M)



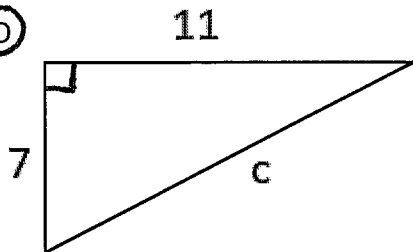
(E)



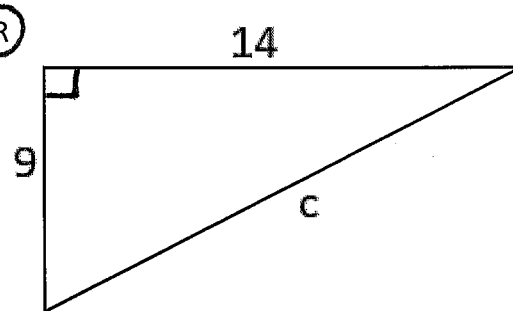
(G)



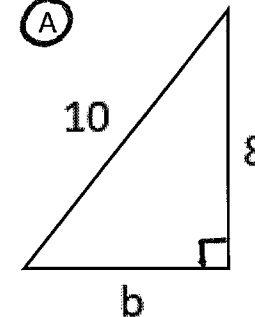
(O)



(R)



(A)



Answers	
1	$\sqrt{25} = 5$
2	$\sqrt{49} = 7$
3	$\sqrt{305} \approx 17.5$
4	$\sqrt{277} \approx 16.6$
5	$\sqrt{36} = 6$
6	$\sqrt{233} \approx 15.3$
7	$\sqrt{64} = 8$
8	$\sqrt{144} = 12$
9	$\sqrt{65} \approx 8.1$
10	$\sqrt{200} \approx 14.1$
11	$\sqrt{170} \approx 13.0$
12	$\sqrt{61} \approx 7.8$
13	$\sqrt{477} \approx 21.8$
14	$\sqrt{205} \approx 14.3$
15	$\sqrt{256} = 16$

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

