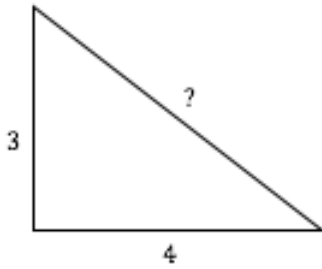
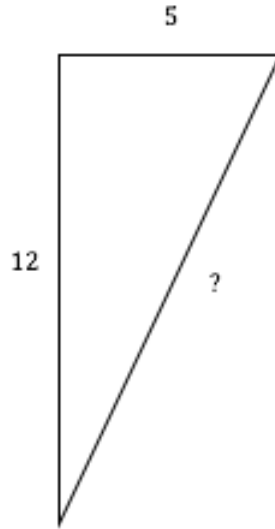


Use the Pythagorean Theorem to find the measure of the missing side. Leave your answer as an irrational number (with a square root, not a decimal).

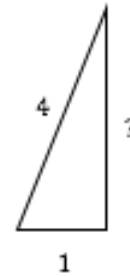
1.



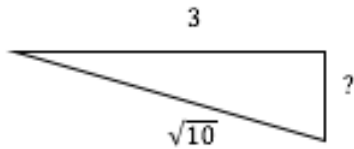
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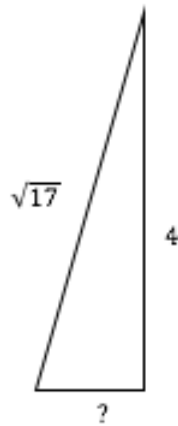
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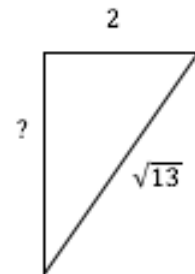
4.



5.



6.



Write the explicit equation from each table.

7.

X	Y
2	7
5	13
8	19
10	23

8.

X	Y
1	6
2	18
3	54
4	162

9.

X	Y
3	-8
6	-6
9	-4
12	-2

10. What is the difference between an exponential and a linear equation?