

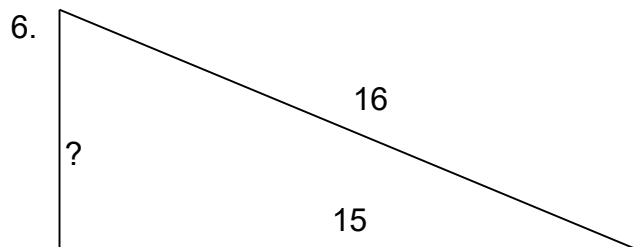
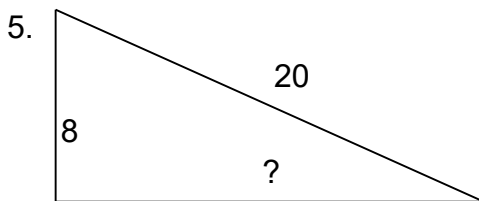
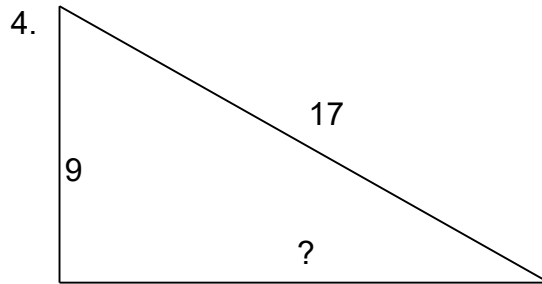
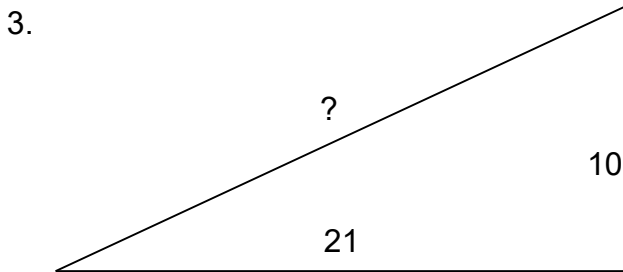
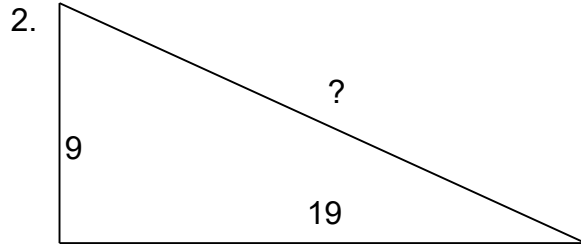
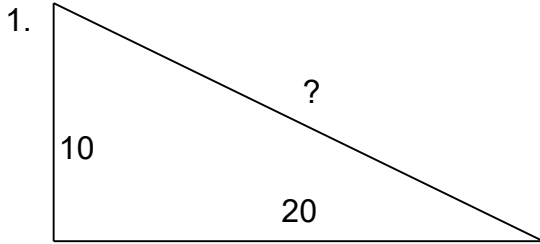
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# Pythagorean Theorem

For right angled triangles: the square of the hypotenuse (longest side) will be equal to the sum of the squares of the other two sides.

Find the length of the unknown side.



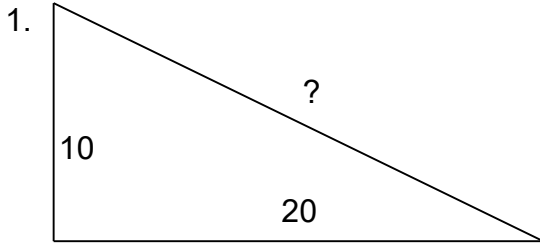
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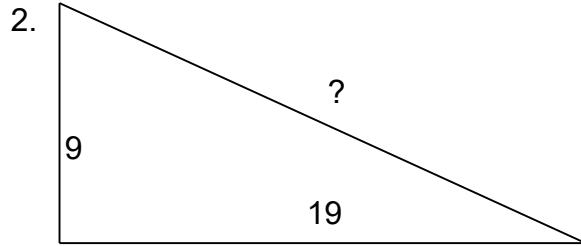
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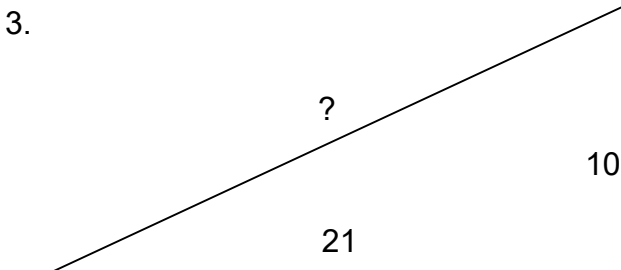
Find the length of the unknown side.



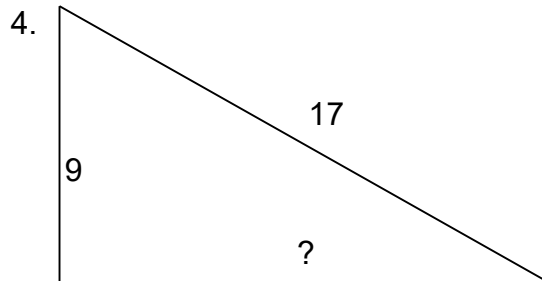
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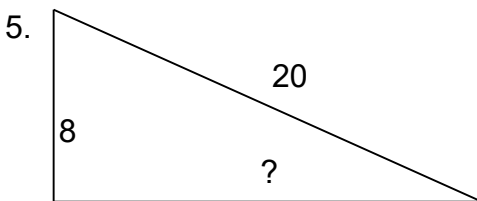
S = 21.024



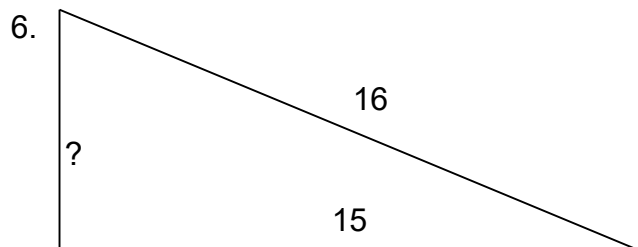
S = 23.259



S = 14.422



S = 18.330



S = 5.568