

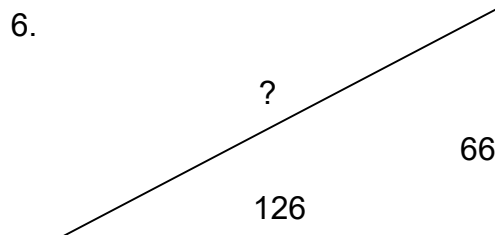
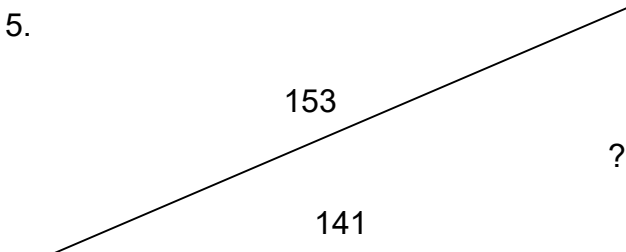
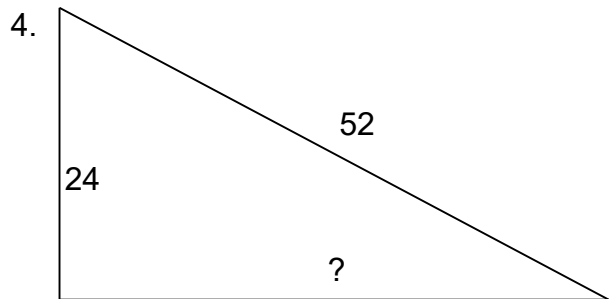
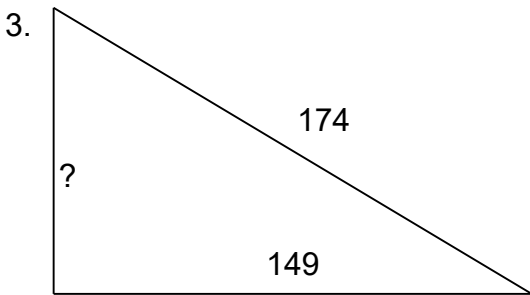
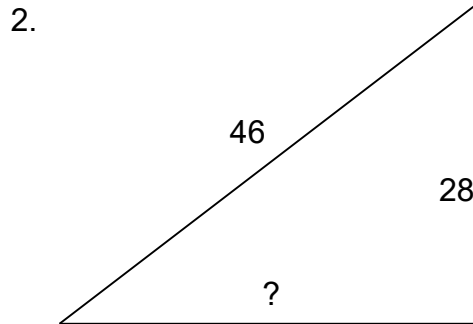
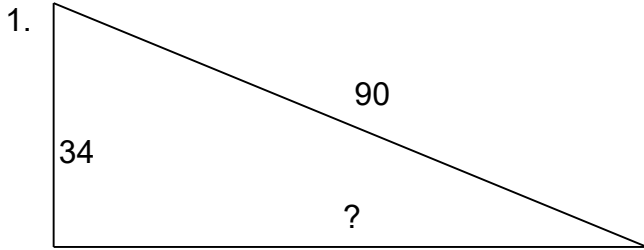
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Pythagorean Theorem

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.



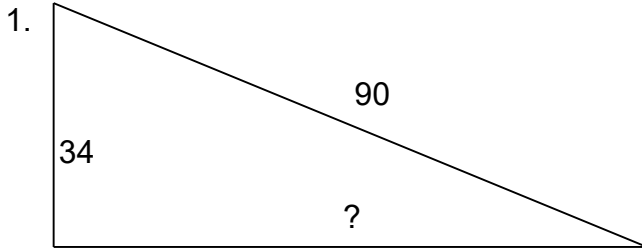
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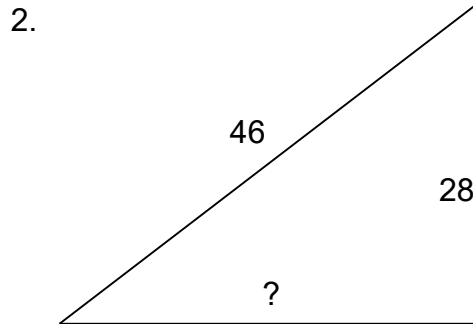
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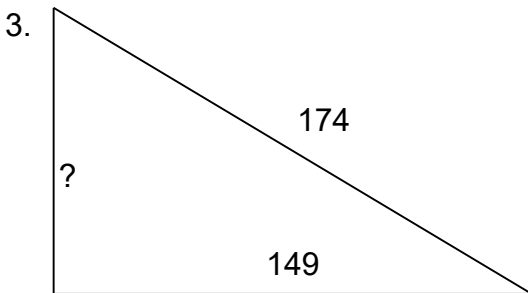
Find the length of the unknown side.



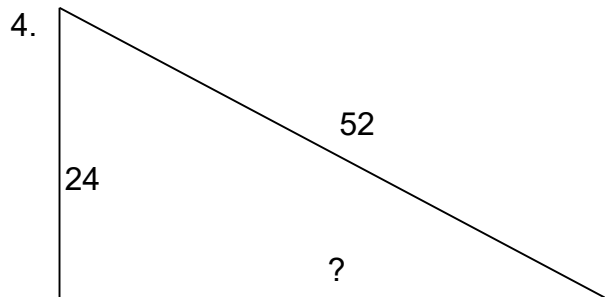
$$S = 83.331$$



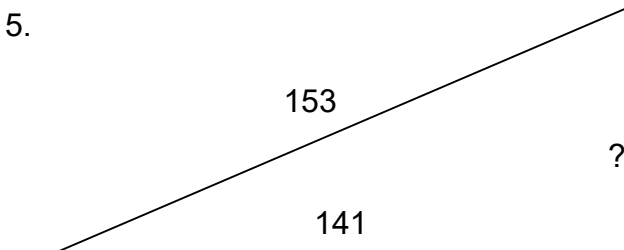
$$S = 36.497$$



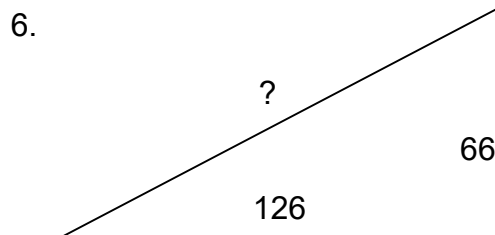
$$S = 89.861$$



$$S = 46.130$$



$$S = 59.397$$



$$S = 142.239$$