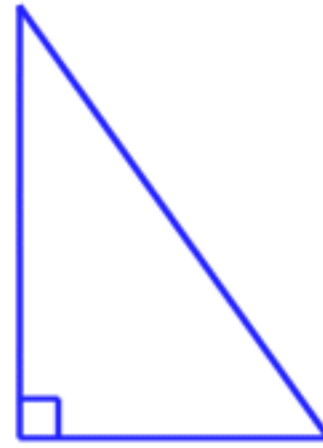


Exercises

1) On this triangle, label :

a) the right angle.

b) the hypotenuse.



2) Pythagoras devised a theorem relating specifically to _____
_____ triangles, known as Pythagoras' Theorem.

3) Pythagoras' Theorem
In any _____ triangle,
the square of the _____
equals the sum of the _____
of the two smaller sides.

4) Complete the following tables :

a)

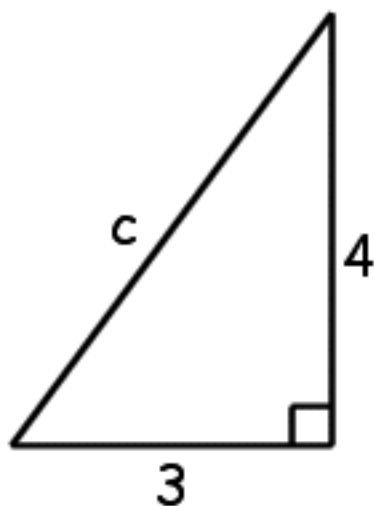
Number	3	4	5	6	7	8	9	10	11	12
Square Number										

b)

Number	13	14	15	16	17	18	19	20	25	30
Square Number										

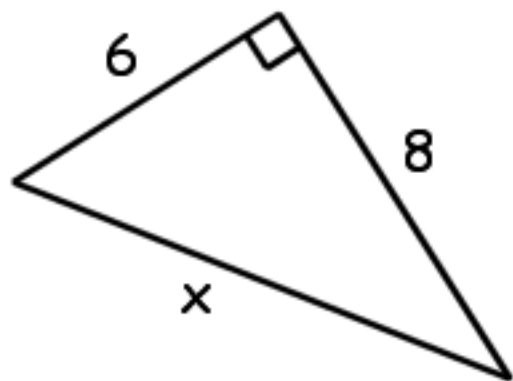
5) $c^2 = \square^2 + b^{\square}$

- 6) Using Pythagoras' Theorem, find the value of c .
(Drawing is not to scale.)



$$c = \square$$

- 7) Using Pythagoras' Theorem, find the value of x .
(Drawing is not to scale.)



$$x = \square$$

Result

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