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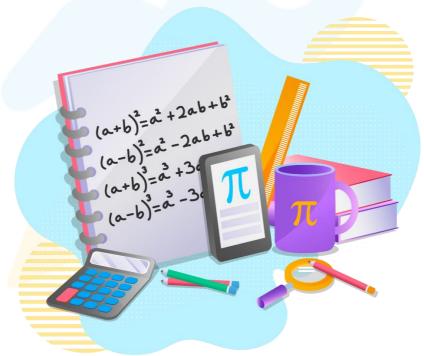
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Pythagorean Theorem Worksheets Grade 8

Find the measure of the length of side of the right-angle triangle if the length of two sides of the triangle is given.

- 1) 72 in, 97 in
- 2) 35 ft, 12 ft
- 3) 115 yd, 252 yd
- 4) 40 ft, 41 ft
- 5) 105 ft, 88 ft



- 6) If the lengths of the side of a right triangular field is 91 yards and 60 yards. Find the length of the longest side of the field.
- 7) Tom said that length of right-angle triangle are 5 units, 12 units and 13 units. His statement is:
 - a) True b) False



- 8) Fill in the blanks:
 - According to the Pythagoras theorem, if the length of the base of a triangle is 'a', length of the perpendicular is 'b', and length of the hypotenuse of the triangle is 'c', then $a^2 + _ = c^2$
- 9) In a right-angle triangle, if the length of the hypotenuse is 233, and length of the base is 208. Find the length of the height of the triangle.
- 10) In a right-angle triangle, if the length of the hypotenuse is 425, and length of the base is 304. Find the length of the height of the triangle.





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She is extremely patient and generous with Miranda."

- Gary Schwartz

- Kirk Riley

- Barbara Cabrera

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1)	65
2)	37
3)	277
4)	9
5)	137
6)	109
7)	True
8)	b^2
9)	105
10)	297