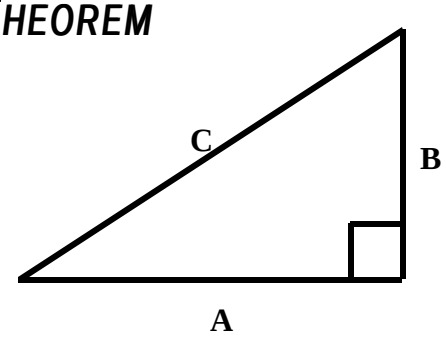
Name: _____

RIGHT TRIANGLES & PYTHAGOREAN THEOREM

1) Solve for the missing side:



a) A = 2
B = 2
C = _____

b) A = 4
B = 2
C = _____

c) A = 4
B = _____
C = 5

d) A = 5
B = _____
C = 12

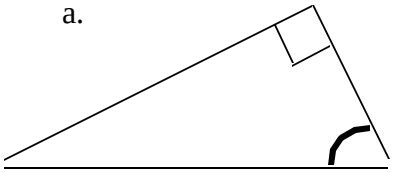
e) A = _____
B = 6
C = 25

f) A = _____
B = 15
C = 20

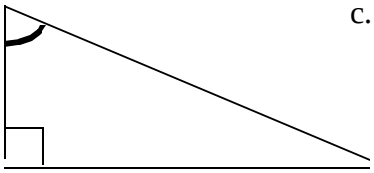
2) Name two different Pythagorean triples (the two sides and the hypotenuse of a right triangle are integers). For example: $5^2 = 3^2 + 4^2$

3) Given the following triangles, which sides are adjacent to the given angle and which sides are opposite to the given angle? (Given angles are the marked non-right angles.)

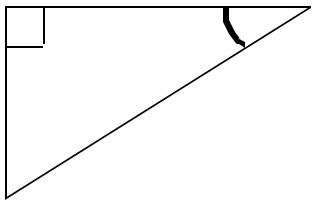
a.



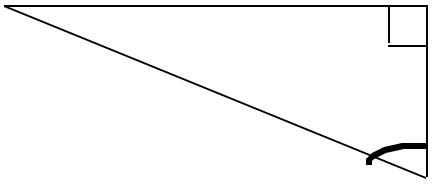
b.



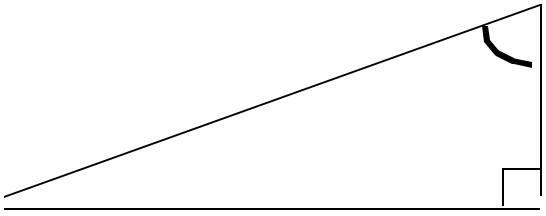
c.



d.



e.



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