



Pythagorean Theorem

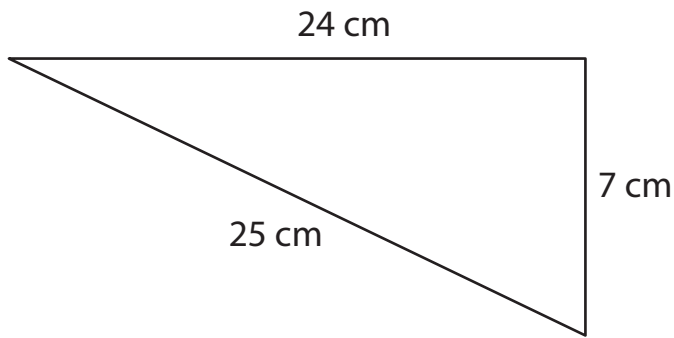
Name _____

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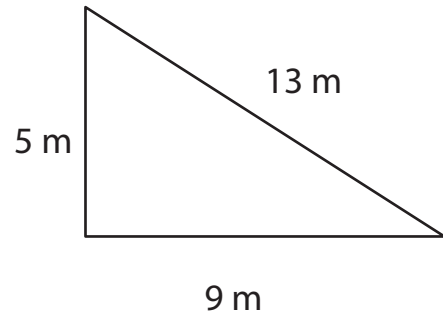
PT:05

Write whether the following lengths form a right triangle by applying the Pythagorean theorem.

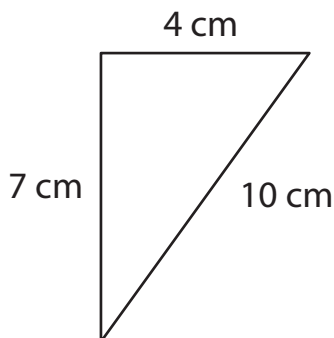
1)



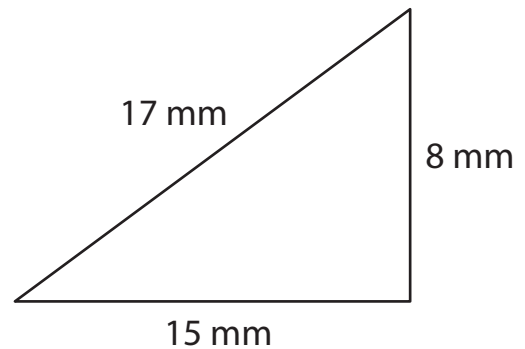
2)



3)



4)



Write whether the given side lengths a , b , and c form a right triangle by using the Pythagorean theorem.

5) $a = 19$ cm, $b = 180$ cm, $c = 181$ cm

6) $a = 12$ m, $b = 15$ m, $c = 18$ m

7) $a = 8$ mm, $b = 51$ mm, $c = 55$ mm

8) $a = 11$ cm, $b = 60$ cm, $c = 61$ cm



Pythagorean Theorem

Name _____

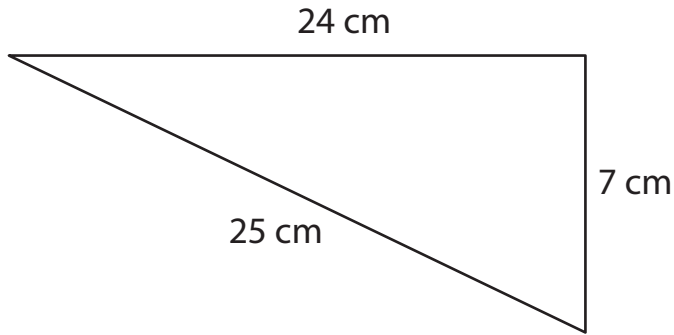
Score _____

Answer key

PT:05

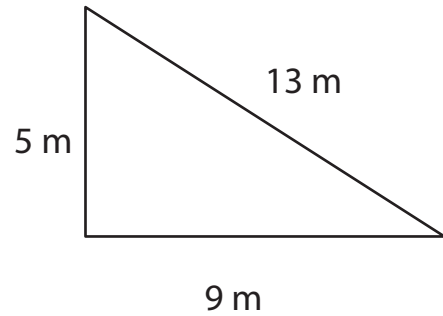
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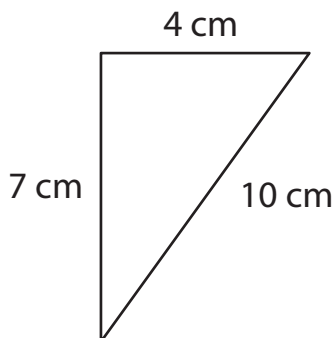
Right triangle

2)



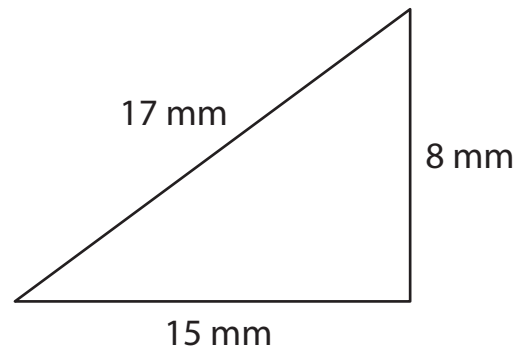
Not a right triangle

3)



Not a right triangle

4)



Right triangle

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Right triangle

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Right triangle