



Pythagorean Theorem

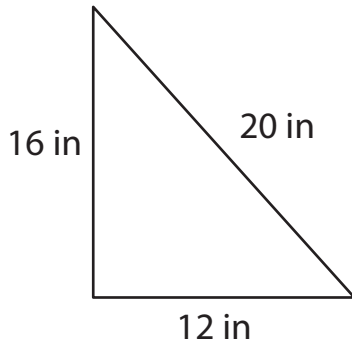
Name _____

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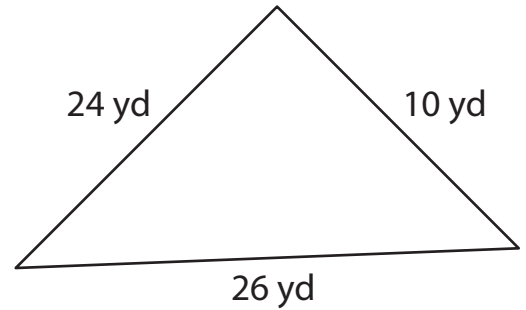
PT:03

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

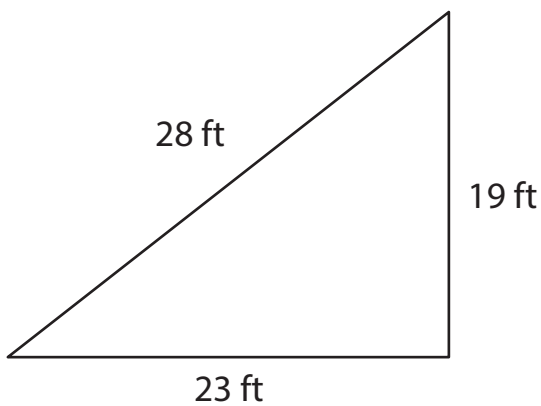
1)



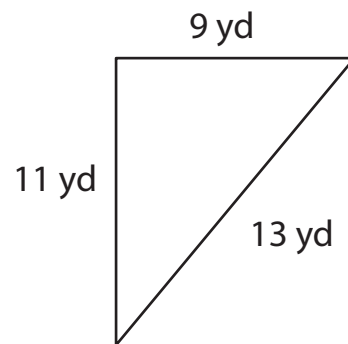
2)



3)



4)



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

5) $a = 21$ in, $b = 22$ in, $c = 23$ in

6) $a = 3$ yd, $b = 4$ yd, $c = 5$ yd

7) $a = 16$ ft, $b = 63$ ft, $c = 65$ ft

8) $a = 1$ ft, $b = 2$ ft, $c = 7$ ft



Pythagorean Theorem

Name _____

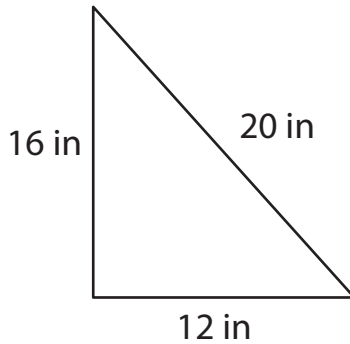
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Answer key

PT:03

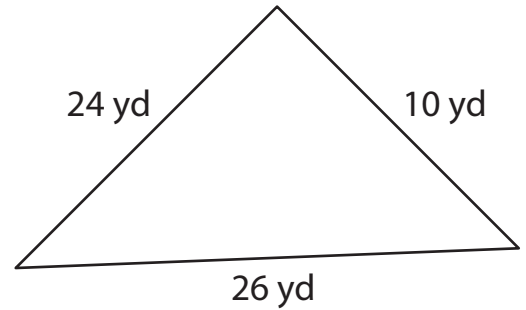
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1)



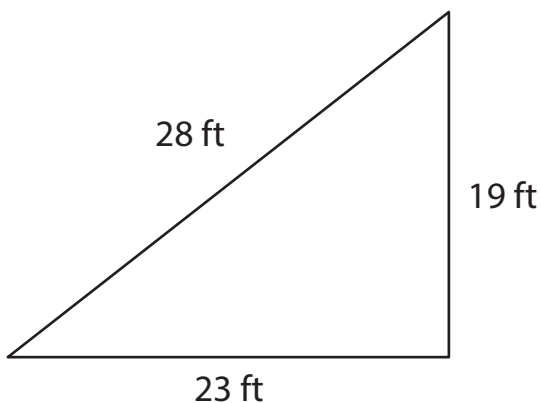
Right triangle

2)



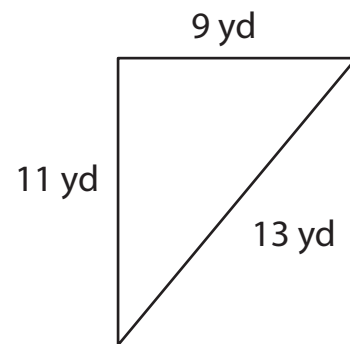
Right triangle

3)



Not a right triangle

4)



Not a right triangle

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

5) $a = 21$ in, $b = 22$ in, $c = 23$ in

Not a right triangle

6) $a = 3$ yd, $b = 4$ yd, $c = 5$ yd

Right triangle

7) $a = 16$ ft, $b = 63$ ft, $c = 65$ ft

Right triangle

8) $a = 1$ ft, $b = 2$ ft, $c = 7$ ft

Not a right triangle
