

# Triangles

A) Side measures of the triangle are given. Apply the Pythagorean Inequality to classify each triangle as Acute, Obtuse or Right triangle.

1) 15 yd ; 8 yd ; 17 yd

2) 10 in ; 9 in ; 5 in

3) 18 ft ; 11 ft ; 14 ft

20 yd

## PREVIEW

Gain complete access to the largest collection of worksheets in all subjects!

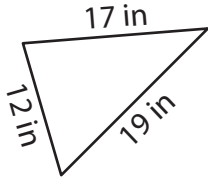
Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

B) Apply the Pythagorean Inequality to classify each triangle as Acute, Obtuse or Right triangle.

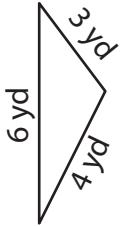
5)



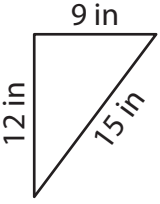
7 ft



7)



8)



**Triangles**

A) Side measures of the triangle are given. Apply the Pythagorean Inequality to classify each triangle as Acute, Obtuse or Right triangle.

1) 15 yd ; 8 yd ; 17 yd

2) 10 in ; 9 in ; 5 in

$8^2 + 15^2 = 17^2$

**Right Triangle**

$9^2 + 5^2 > 10^2$

**Acute Triangle**

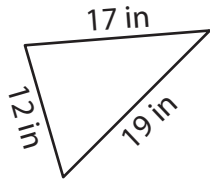
3) 18 ft ; 11 ft ; 14 ft

$14^2 + 11^2 < 18^2$

**Obtuse Triangle**

B) Apply the Pythagorean Inequality to classify each triangle as Acute, Obtuse or Right triangle.

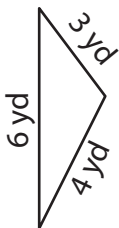
5)



$12^2 + 17^2 > 19^2$

**Acute Triangle**

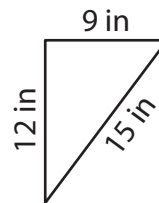
7)



$3^2 + 4^2 < 6^2$

**Obtuse Triangle**

8)



$12^2 + 9^2 = 15^2$

**Right Triangle**

**PREVIEW**

Gain complete access to the largest collection of worksheets in all subjects!

Members, please log in to download this worksheet.

Not a member? Please sign up to gain complete access.

[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)

20 yd

10<sup>2</sup>

10<sup>2</sup>

le as Acute, Obtuse or



6<sup>2</sup>

ngle