

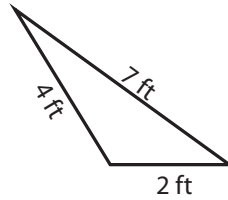
**Triangle Inequality Theorem**

Applying triangle inequality theorem, identify whether the triangle is possible or not possible with the given measures.

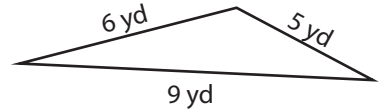
1)



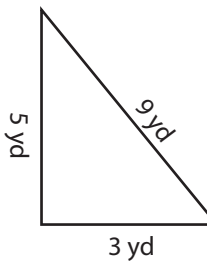
2)



3)



4)



**PREVIEW**

Access the largest collection of worksheets for just **\$19.95** per year!

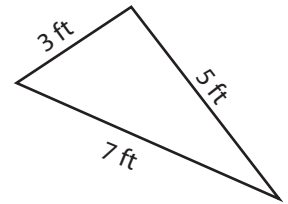
Members, please log in to download this worksheet.

**Log in**

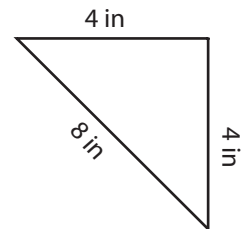
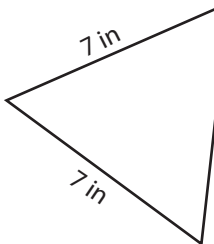
Not a member? Please sign up to gain complete access.

**Sign up**

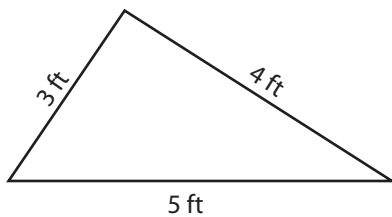
[www.mathworksheets4kids.com](http://www.mathworksheets4kids.com)



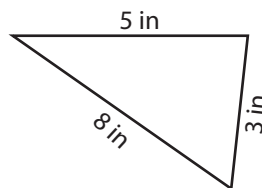
7)



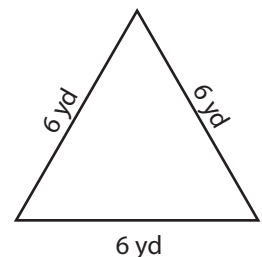
10)



11)



12)



**Triangle Inequality Theorem**

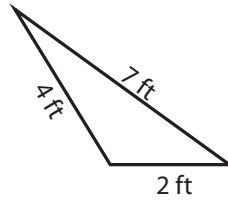
Applying triangle inequality theorem, identify whether the triangle is possible or not possible with the given measures.

1)



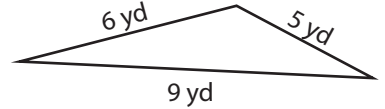
**Triangle not possible**

2)

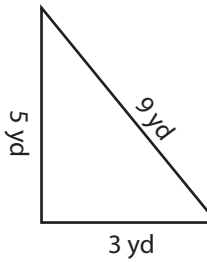


**Triangle possible**

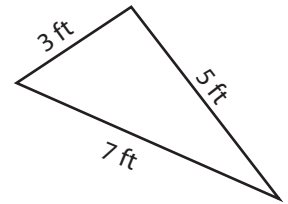
3)



4)

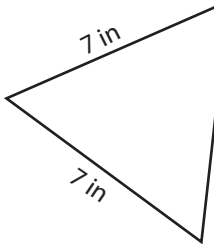


**Triangle not possible**

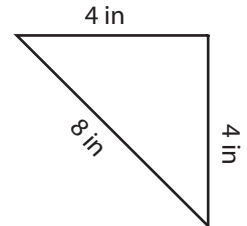


**Triangle possible**

7)

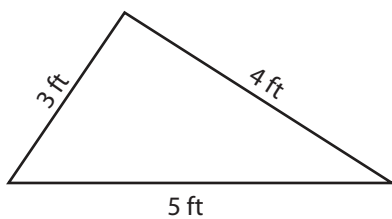


**Triangle possible**



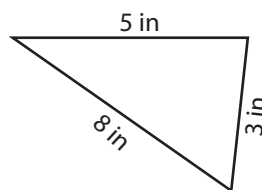
**Triangle not possible**

10)



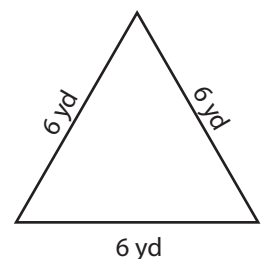
**Triangle possible**

11)



**Triangle not possible**

12)



**Triangle possible**

**PREVIEW**

Access the largest collection of worksheets for just **\$19.95** per year!

Members, please log in to download this worksheet.

**Log in**

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

**Sign up**

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