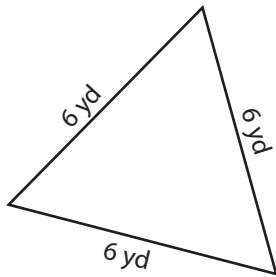


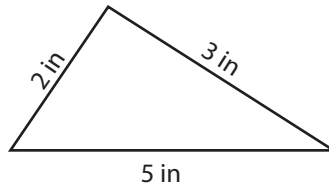
Triangle Inequality Theorem

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

1)



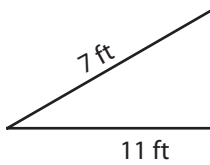
2)



3)



4)



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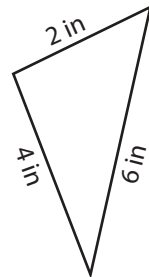
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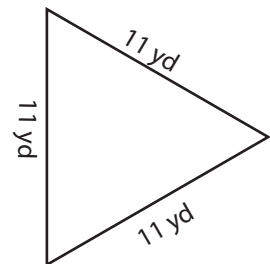
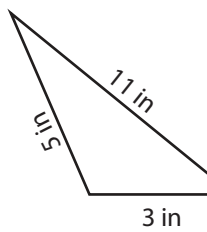
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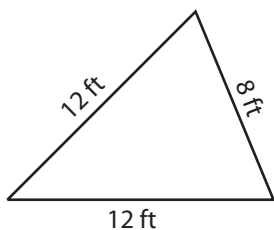
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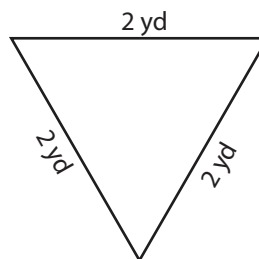
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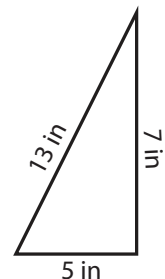
10)



11)



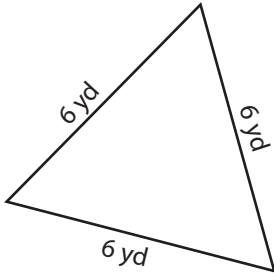
12)



Triangle Inequality Theorem

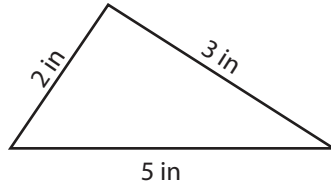
Applying triangle inequality theorem, identify whether the triangle is possible or not possible with the given measures.

1)



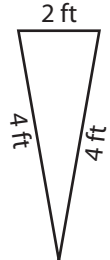
Triangle possible

2)

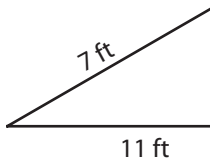


Triangle possible

3)

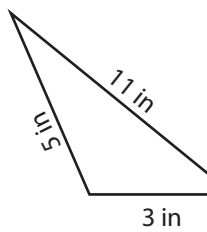


4)



Triangle not possible

7)



Triangle not possible

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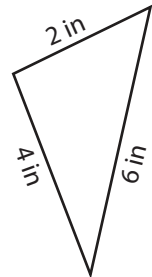
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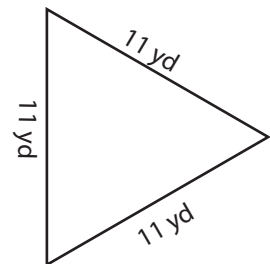
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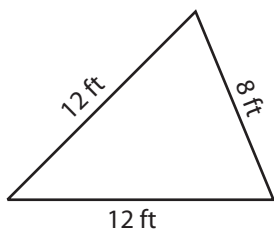
Triangle not possible



Triangle possible

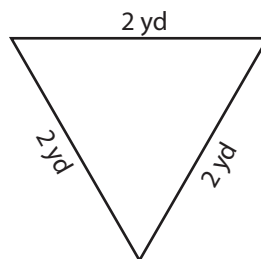


10)



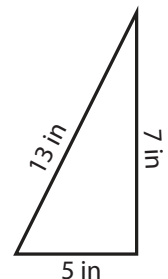
Triangle possible

11)



Triangle possible

12)



Triangle not possible