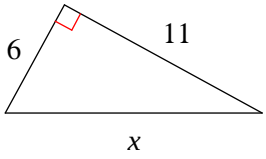
Geometry - Clark Name_____

Pythagorean Theorem

Date_____ Period____

Find the missing side of each triangle. Leave your answers in simplest radical form.

1)



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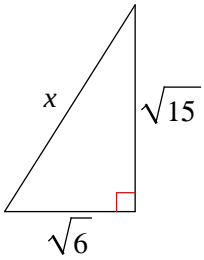

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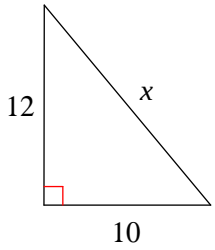

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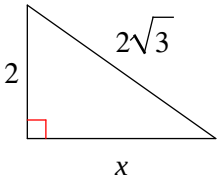

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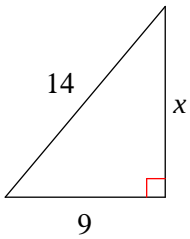

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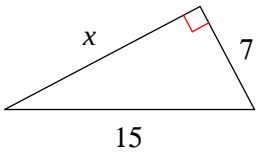

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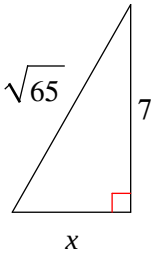

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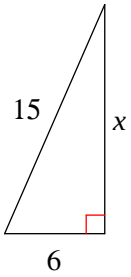

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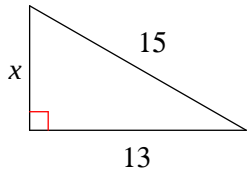

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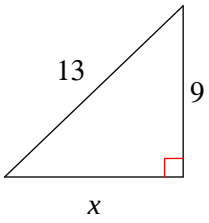

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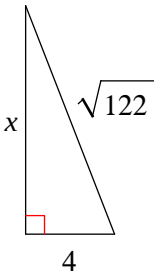

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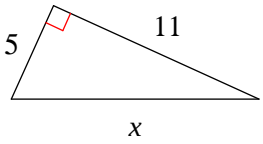
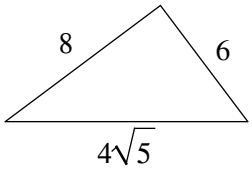


State if each triangle is a right triangle.

13)



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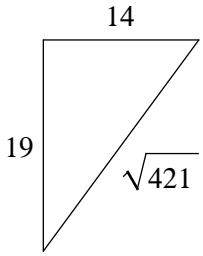

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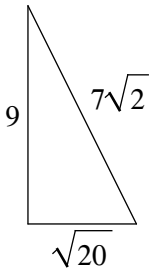

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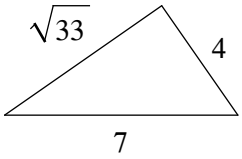


State if the three sides lengths form a right triangle.

17) 13, $3\sqrt{3}$, 14

18) 15, 5, $5\sqrt{10}$

19) $\sqrt{2}$, $\sqrt{7}$, 3

20) 4, $\sqrt{65}$, 9

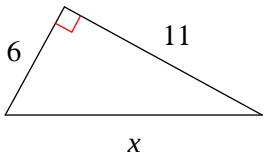
Geometry - Clark Name_____

Pythagorean Theorem

Date_____ Period____

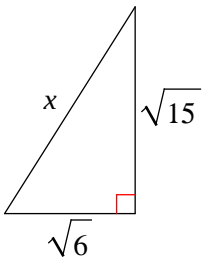
Find the missing side of each triangle. Leave your answers in simplest radical form.

1)



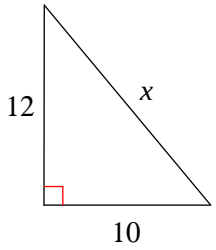
$\sqrt{157}$

2)



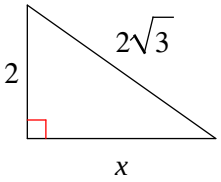
$\sqrt{21}$

3)



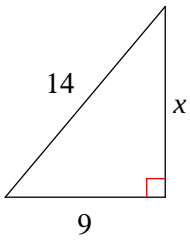
$2\sqrt{61}$

4)



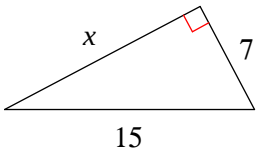
$2\sqrt{2}$

5)



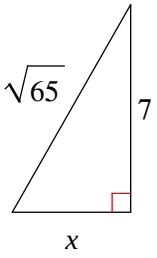
$\sqrt{115}$

6)



$4\sqrt{11}$

7)



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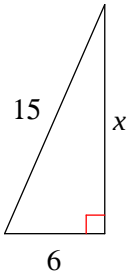
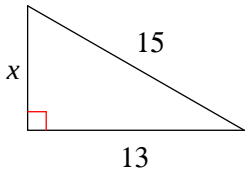
8)



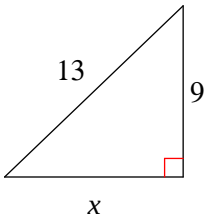
$3\sqrt{21}$

9)



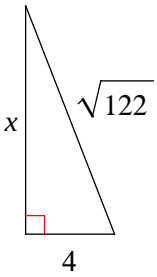
$2\sqrt{14}$

10)



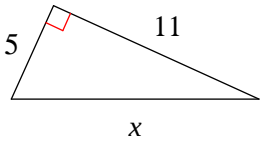
$2\sqrt{22}$

11)



$\sqrt{106}$

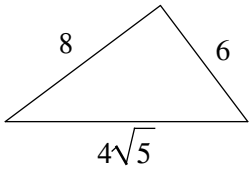
12)



$\sqrt{146}$

State if each triangle is a right triangle.

13)



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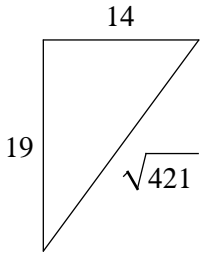

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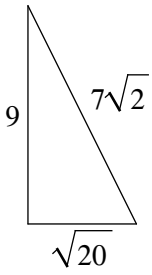
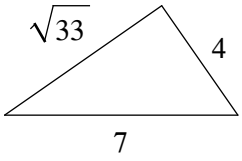


No

16)



Yes

State if the three sides lengths form a right triangle.

17) 13, $3\sqrt{3}$, 14

Yes

18) 15, 5, $5\sqrt{10}$

Yes

19) $\sqrt{2}$, $\sqrt{7}$, 3

Yes

20) 4, $\sqrt{65}$, 9

Yes