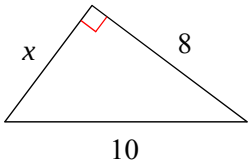
Geometry Pythagorean Theorem Mrs. Kapler Name_____

Show work as appropriate. Date_____ Period____

Find the missing side of each triangle. Round your answers to the nearest tenth if necessary.

1)



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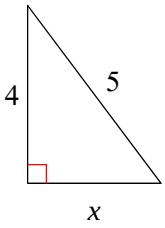

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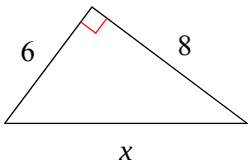

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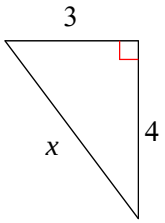

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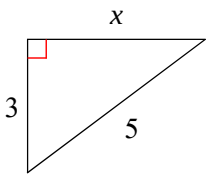

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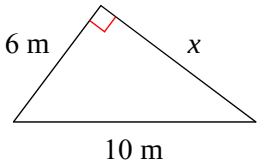

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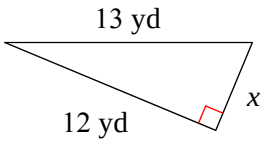

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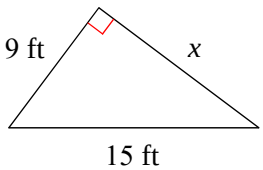
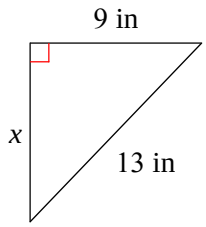


Find the missing side of each triangle. Leave your answers in simplest radical form.

9)



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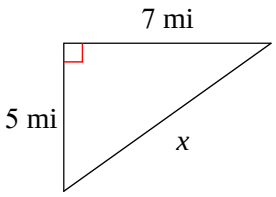

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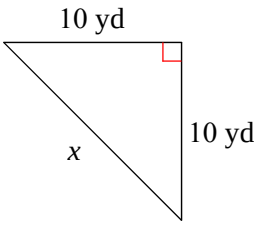

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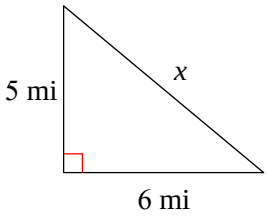

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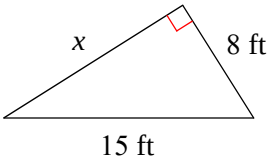

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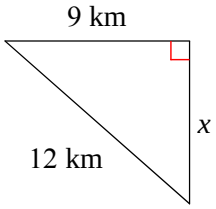

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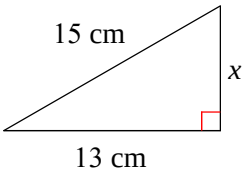

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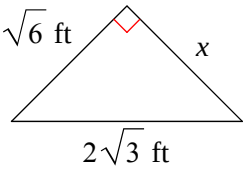

Geometry Pythagorean Theorem Mrs. Kapler Name_____

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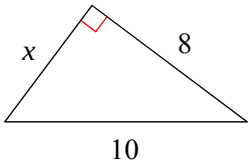
1)



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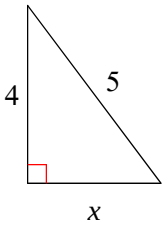

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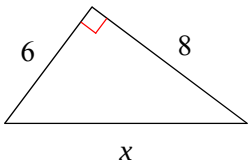

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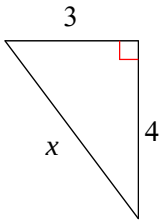

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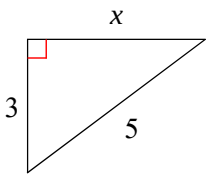

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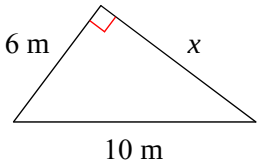
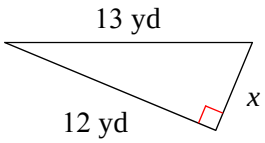


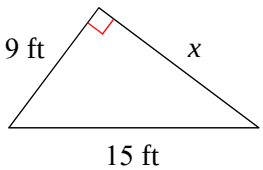
8 m

7)



5 yd

8)



12 ft

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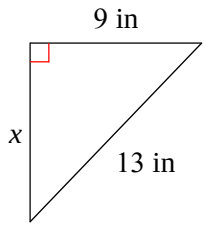
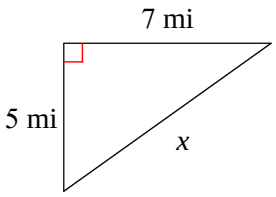


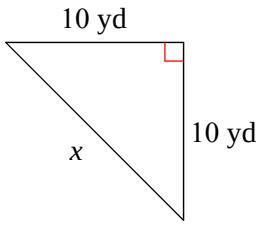
$2\sqrt{22}$ in

10)



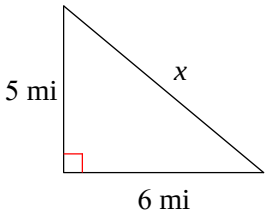
$\sqrt{74}$ mi

11)



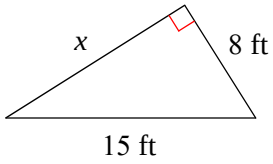
$10\sqrt{2}$ yd

12)



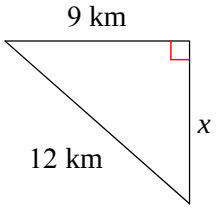
$\sqrt{61}$ mi

13)



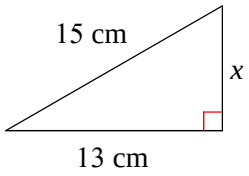
$\sqrt{161}$ ft

14)



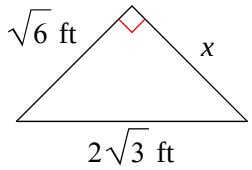
$3\sqrt{7}$ km

15)



$2\sqrt{14}$ cm

16)



$\sqrt{6}$ ft