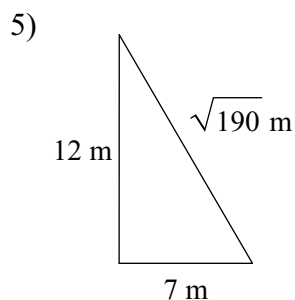
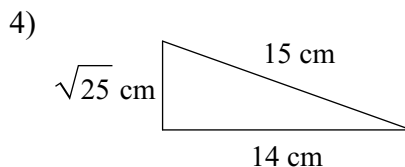
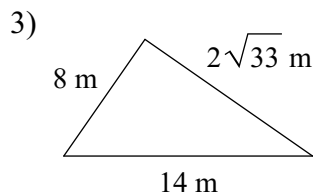
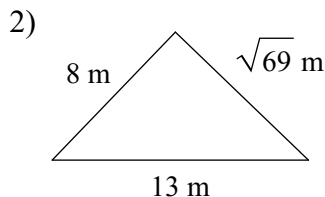
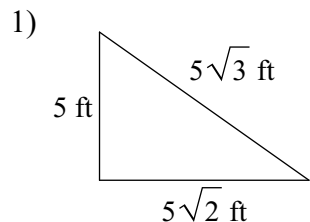


# Geometry - Homework 3 - Spring

**State if each triangle is a right triangle.**



**State if the three side lengths form an acute, obtuse, or right triangle.**

6) 6 cm, 3 cm,  $6\sqrt{2}$  cm

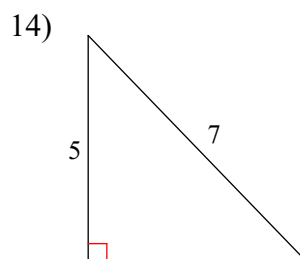
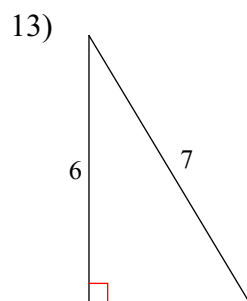
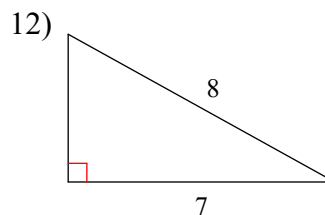
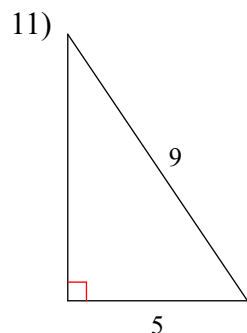
7)  $\sqrt{101}$  mi,  $\sqrt{155}$  mi, 13 mi

8)  $\sqrt{151}$  km, 4 km, 13 km

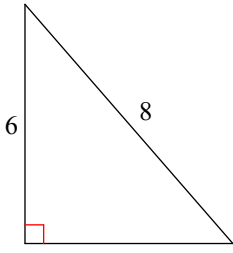
9) 9 km,  $\sqrt{57}$  km, 11 km

10) 6 m,  $2\sqrt{55}$  m, 16 m

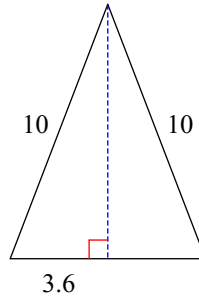
**Find the area of each triangle. Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.**



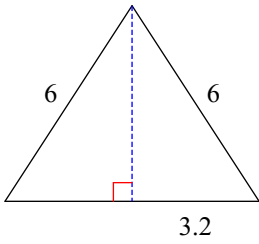
15)



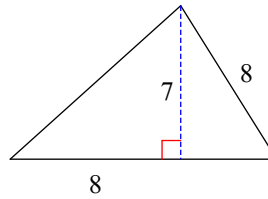
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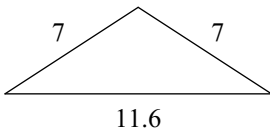
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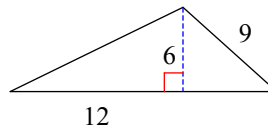
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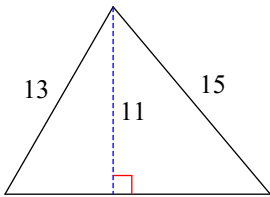
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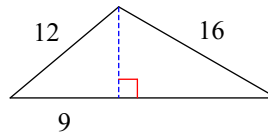
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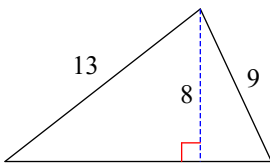
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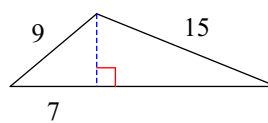
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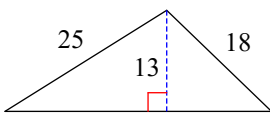
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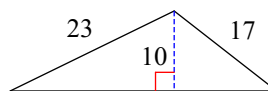
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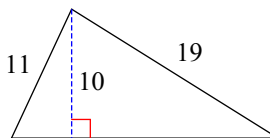
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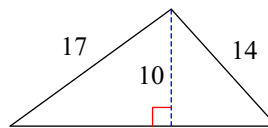
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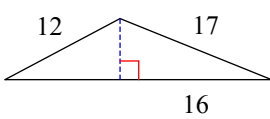
27)



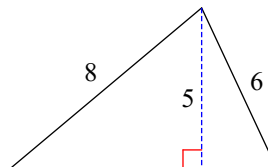
28)



29)



30)



## Answers to Geometry - Homework 3 - Spring

1) Yes

9) Acute

17) 16.3

25) 219.7

3) Yes

11) 18.8

19) 22.6

27) 104

5) No

13) 10.8

21) 94.1

29) 75.8

7) Acute

15) 15.9

23) 57.2