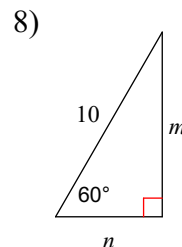
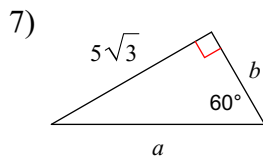
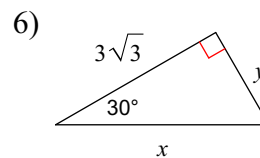
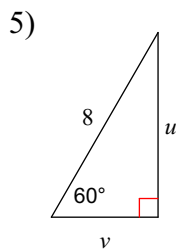
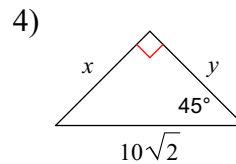
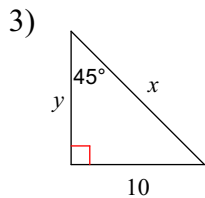
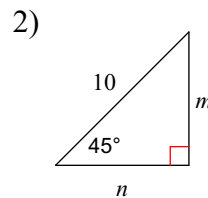
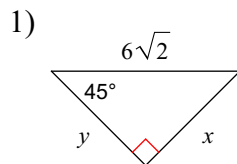


## Right Triangle Trigonometry

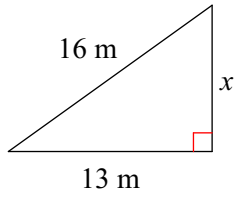
This review is **NOT MANDATORY** and will not be collected. You should use it if you are struggling on the Bonus Assignment #2 (Questions: 1-10 ... at the end!)  
**CALCULATOR** (scientific or graphing is fine!)

**Special Right Triangles:** Find the missing side lengths. Leave your answers as radicals in simplest form.

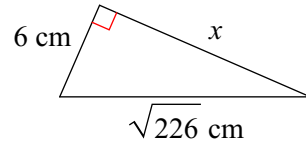


**Pythagorean Theorem. Find the missing side of each triangle. Leave your answers in simplest radical form.**

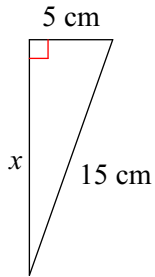
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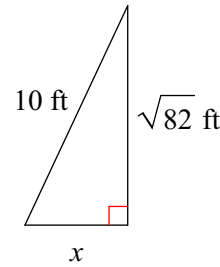
10)



11)

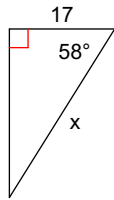


12)

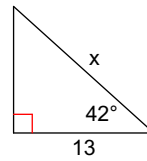


**Trigonometry: Find the missing side. Round to the nearest tenth.**

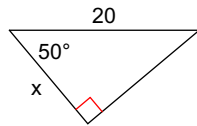
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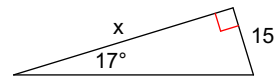
14)



15)

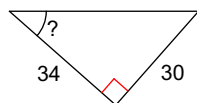


16)

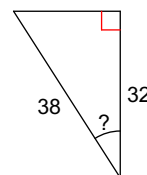


**Trigonometry: Find the measure of the indicated angle to the nearest degree.**

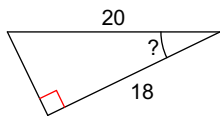
17)



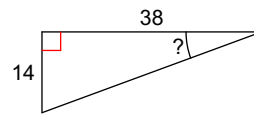
18)



19)



20)



## Answers to Right Triangle Trigonometry (ID: 1)

1)  $x = 6, y = 6$

5)  $u = 4\sqrt{3}, v = 4$

9)  $\sqrt{87}$  m

13) 32.1

17)  $41^\circ$

2)  $m = 5\sqrt{2}, n = 5\sqrt{2}$

6)  $x = 6, y = 3$

10)  $\sqrt{190}$  cm

14) 17.5

18)  $33^\circ$

3)  $x = 10\sqrt{2}, y = 10$

7)  $a = 10, b = 5$

11)  $10\sqrt{2}$  cm

15) 12.9

19)  $26^\circ$

4)  $x = 10, y = 10$

8)  $m = 5\sqrt{3}, n = 5$

12)  $3\sqrt{2}$  ft

16) 49.1

20)  $20^\circ$