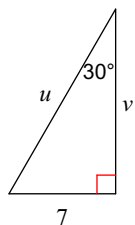


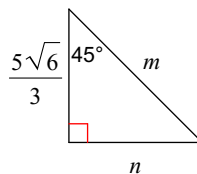
Unit 5 Final Review Fall 2019

Find the missing side lengths. Leave your answers as radicals in simplest form.

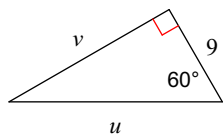
1)



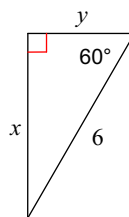
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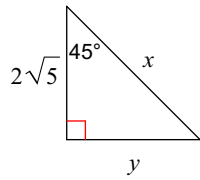
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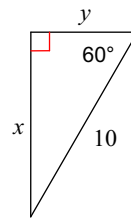
4)



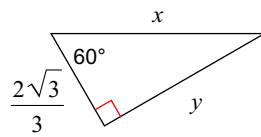
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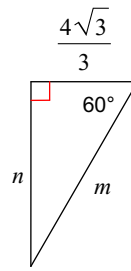
6)



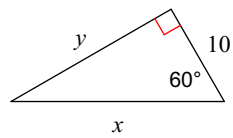
7)



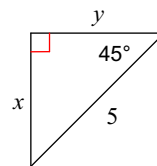
8)



9)



10)



Answers to Unit 5 Final Review Fall 2019 (ID: 1)

- 1) $u = 14, v = 7\sqrt{3}$ 2) $m = \frac{10\sqrt{3}}{3}, n = \frac{5\sqrt{6}}{3}$ 3) $u = 18, v = 9\sqrt{3}$
- 4) $x = 3\sqrt{3}, y = 3$ 5) $x = 2\sqrt{10}, y = 2\sqrt{5}$ 6) $x = 5\sqrt{3}, y = 5$
- 7) $x = \frac{4\sqrt{3}}{3}, y = 2$ 8) $m = \frac{8\sqrt{3}}{3}, n = 4$ 9) $x = 20, y = 10\sqrt{3}$
- 10) $x = \frac{5\sqrt{2}}{2}, y = \frac{5\sqrt{2}}{2}$