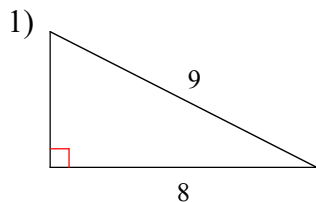
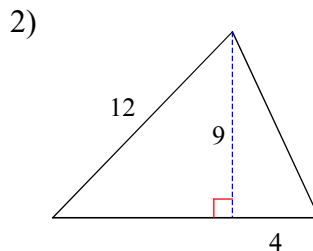


Assignment

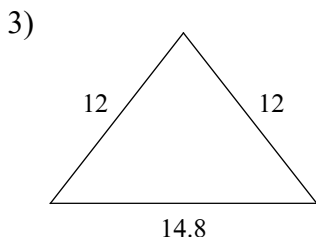
Find the area of each triangle. Round intermediate values to the nearest tenth. Use the rounded values to calculate the next value. Round your final answer to the nearest tenth.



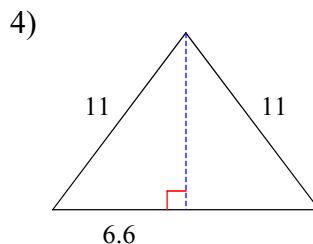
16.4



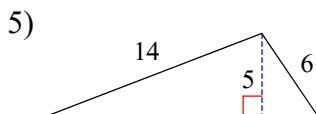
53.6



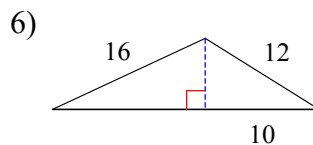
69.6



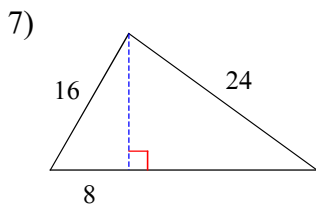
58.1



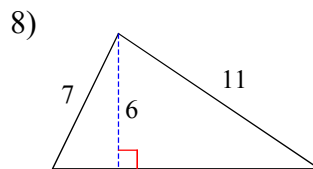
41



81.2

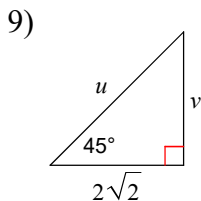


191.8

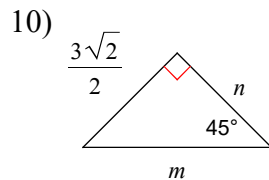


38.4

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

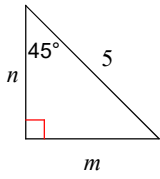


$u = 4, v = 2\sqrt{2}$



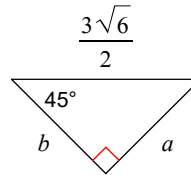
$m = 3, n = \frac{3\sqrt{2}}{2}$

11)



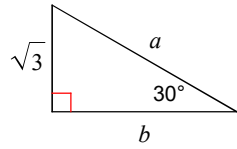
$$m = \frac{5\sqrt{2}}{2}, n = \frac{5\sqrt{2}}{2}$$

12)



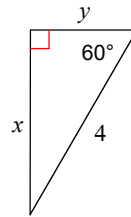
$$a = \frac{3\sqrt{3}}{2}, b = \frac{3\sqrt{3}}{2}$$

13)



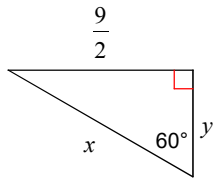
$$a = 2\sqrt{3}, b = 3$$

14)



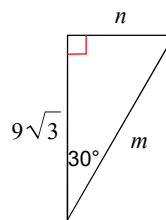
$$x = 2\sqrt{3}, y = 2$$

15)



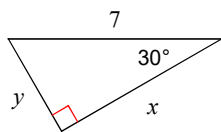
$$x = 3\sqrt{3}, y = \frac{3\sqrt{3}}{2}$$

16)



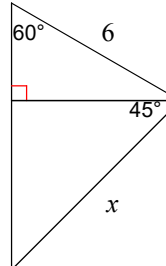
$$m = 18, n = 9$$

17)



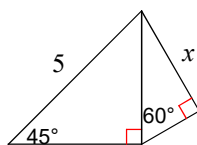
$$x = \frac{7\sqrt{3}}{2}, y = \frac{7}{2}$$

18)



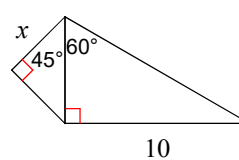
$$3\sqrt{6}$$

19)



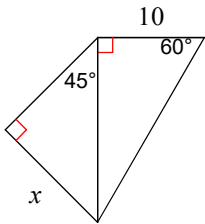
$$\frac{5\sqrt{6}}{4}$$

20)



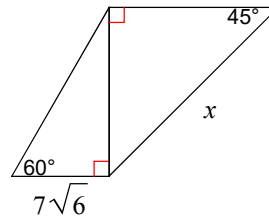
$$\frac{5\sqrt{6}}{3}$$

21)



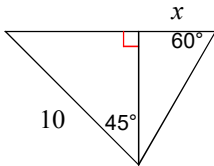
$$5\sqrt{6}$$

22)



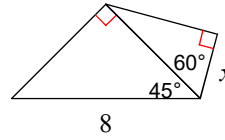
$$42$$

23)



$$\frac{5\sqrt{6}}{3}$$

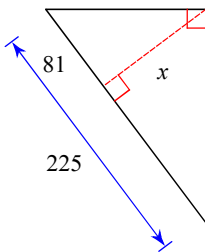
24)



$$2\sqrt{2}$$

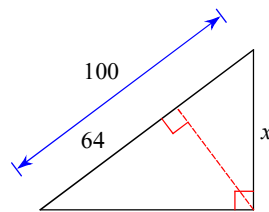
Find the missing length indicated. Leave your answer in simplest radical form.

25)



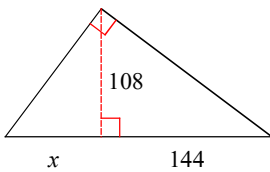
$$108$$

26)



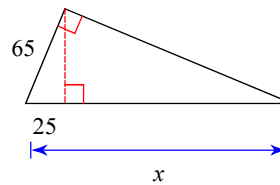
$$60$$

27)



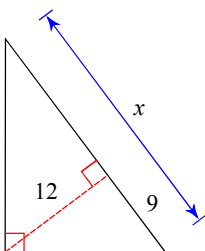
$$81$$

28)



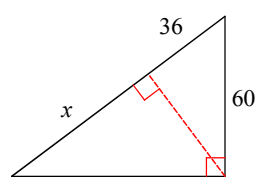
$$169$$

29)



$$25$$

30)



$$64$$