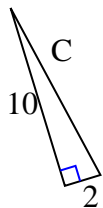


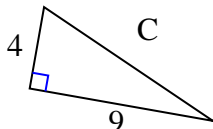


Find the value of 'C' round your answer to the nearest hundredth.

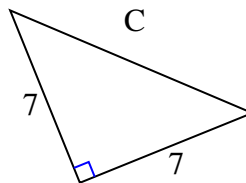
1)



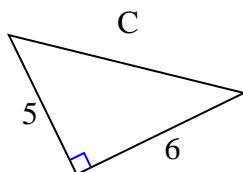
2)



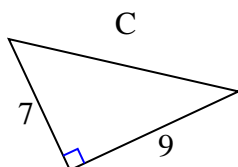
3)



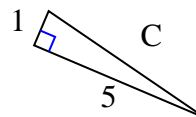
4)



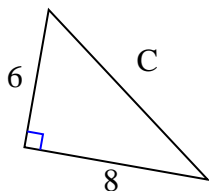
5)



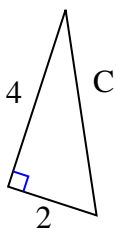
6)



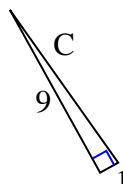
7)



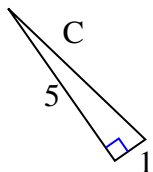
8)



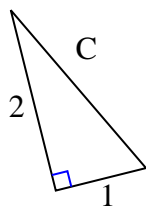
9)



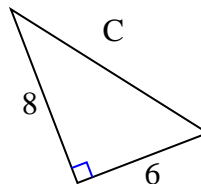
10)



11)



12)



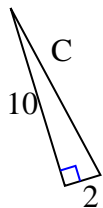
Answers

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_
9. \_\_\_\_\_
10. \_\_\_\_\_
11. \_\_\_\_\_
12. \_\_\_\_\_



Find the value of 'C' round your answer to the nearest hundredth.

1)

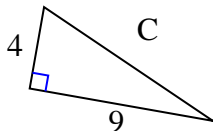


$$10^2 + 2^2 = C^2$$

$$100 + 4 = 104$$

$$\sqrt{104} = 10.2$$

2)

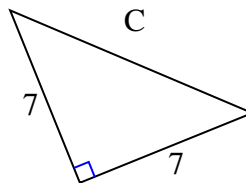


$$4^2 + 9^2 = C^2$$

$$16 + 81 = 97$$

$$\sqrt{97} = 9.85$$

3)

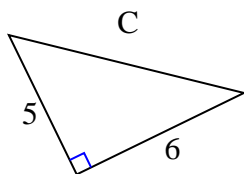


$$7^2 + 7^2 = C^2$$

$$49 + 49 = 98$$

$$\sqrt{98} = 9.9$$

4)

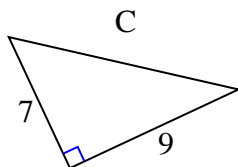


$$5^2 + 6^2 = C^2$$

$$25 + 36 = 61$$

$$\sqrt{61} = 7.81$$

5)

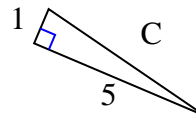


$$7^2 + 9^2 = C^2$$

$$49 + 81 = 130$$

$$\sqrt{130} = 11.4$$

6)

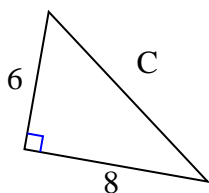


$$1^2 + 5^2 = C^2$$

$$1 + 25 = 26$$

$$\sqrt{26} = 5.1$$

7)

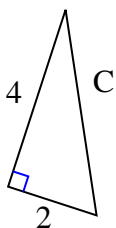


$$6^2 + 8^2 = C^2$$

$$36 + 64 = 100$$

$$\sqrt{100} = 10$$

8)

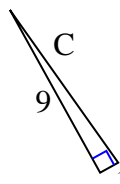


$$4^2 + 2^2 = C^2$$

$$16 + 4 = 20$$

$$\sqrt{20} = 4.47$$

9)

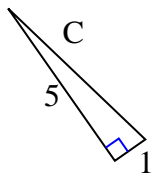


$$9^2 + 1^2 = C^2$$

$$81 + 1 = 82$$

$$\sqrt{82} = 9.06$$

10)

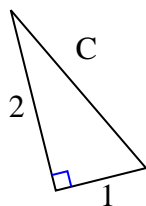


$$5^2 + 1^2 = C^2$$

$$25 + 1 = 26$$

$$\sqrt{26} = 5.1$$

11)

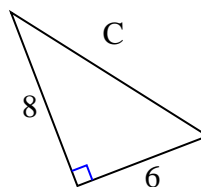


$$2^2 + 1^2 = C^2$$

$$4 + 1 = 5$$

$$\sqrt{5} = 2.24$$

12)



$$8^2 + 6^2 = C^2$$

$$64 + 36 = 100$$

$$\sqrt{100} = 10$$

Answers

1. 10.2
2. 9.85
3. 9.9
4. 7.81
5. 11.4
6. 5.1
7. 10
8. 4.47
9. 9.06
10. 5.1
11. 2.24
12. 10