Find the hypotenuse

Name _____ **Date** _____

Give exact answers and decimals to 2 places.

Problem	Answer	Problem	Answer
1. a = 2, b = 15		9. a = 2, b = 10	
2. a = 7, b = 14		10. a = 3, b = 3	
3. a = 8, b = 10		11. a = 12, b = 4	
4. a = 10, b = 10		12. a = 12, b = 11	
5. a = 10, b = 2		13. a = 6, b = 2	
6. a = 4, b = 8		14. a = 15, b = 11	
7. a = 4, b = 10		15. a = 10, b = 6	
8. a = 2, b = 5		16. a = 4, b = 14	

Notes

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Answer key — Find the hypotenuse

#	Problem	Answer
1	a = 2, b = 15	√229 ≈ 15.13
2	a = 7, b = 14	7√5 ≈ 15.65
3	a = 8, b = 10	2√41 ≈ 12.81
4	a = 10, b = 10	10√2 ≈ 14.14
5	a = 10, b = 2	2√26 ≈ 10.20
6	a = 4, b = 8	4√5 ≈ 8.94
7	a = 4, b = 10	2√29 ≈ 10.77
8	a = 2, b = 5	√29 ≈ 5.39
9	a = 2, b = 10	2√26 ≈ 10.20
10	a = 3, b = 3	3√2 ≈ 4.24
11	a = 12, b = 4	4√10 ≈ 12.65
12	a = 12, b = 11	√265 ≈ 16.28
13	a = 6, b = 2	2√10 ≈ 6.32
14	a = 15, b = 11	√346 ≈ 18.60
15	a = 10, b = 6	2√34 ≈ 11.66
16	a = 4, b = 14	2√53 ≈ 14.56

Notes

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