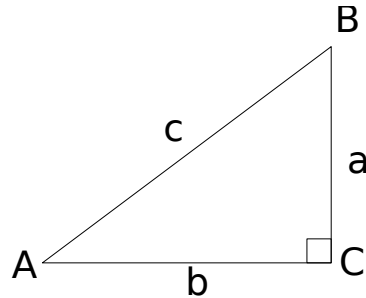


Math 1015 September 3, 2019 H3

Do problems 1.3 # 4,6,7,19 for discussion

Use the diagram below to find the value for each side a, b, and c of each triangle with the given information.



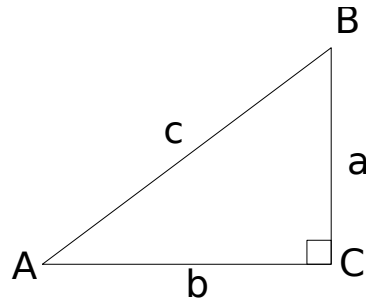
1. $a = 10, b = 11$

2. $a = 12.7, c = 61.2$

3. $a = 15, A = 17.2^\circ$

4. $a = 54, B = 41^\circ$

5. $c = 11, A = 23^\circ$



6. $a = 23.7, B = 44.4^\circ$

7. $c = 912, B = 18.2^\circ$

8. $b = 142, A = 88.3^\circ$

9. $a = 1534, c = 7660$

10. $b = 3.339, B = 77.5^\circ$

6. $a = 2.3 \times 10^4, A = 0.00012^\circ$