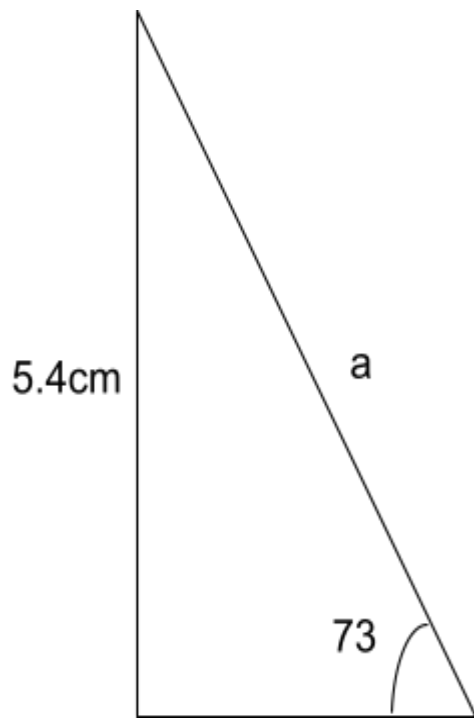
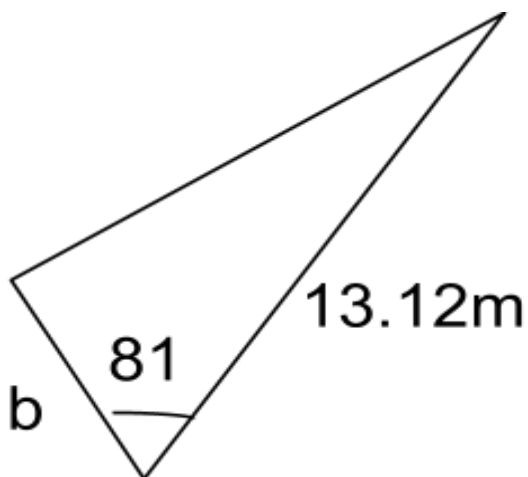


GCSE Maths: Trigonometry (SOHCAHTOA)

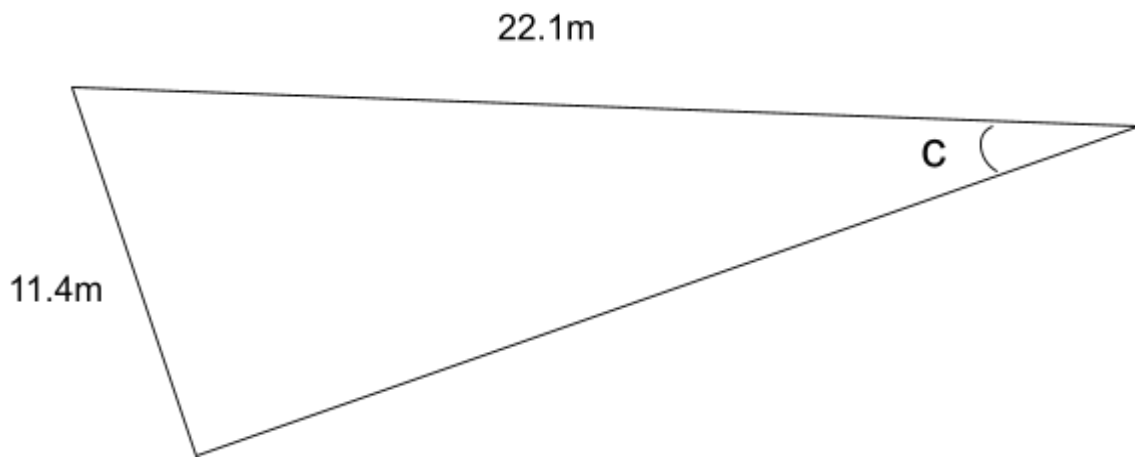
1. Find the length a in the right-angled triangle below. Give your answer to 3sf.



2. Find the length b in the right-angled triangle below. Give your answer to 3sf.

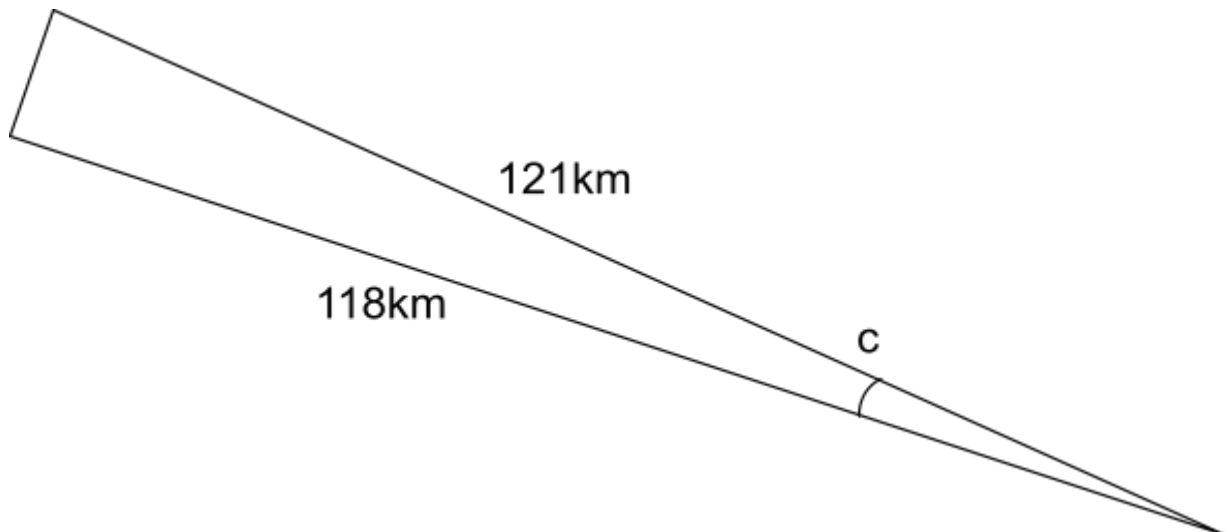


3. Find the angle c in the right-angled triangle below. Give your answer to 3sf.



[2]

4. Find the angle c in the right-angled triangle below. Give your answer to 3sf.



ANSWERS

1. $(x + 3)(x + 4)$
2. $(x + 3)(x + 8)$
3. $(x + 6)(x + 4)$
4. $(x + 3)(x - 8)$
5. $(x - 2)(x - 10)$
6. $(x - 2)(x - 15)$
7. $(x + 4)(x - 1)$
8. $(x + 6)(x - 5)$
9. $(x + 9)(x - 2)$
10. $(x + 12)(x - 2)$
11. $(2x + 1)(x + 3)$
12. $(2x - 5)(x + 2)$
13. $(2x + 5)(x + 7)$
14. $(2x - 5)(x + 2)$
15. $(2x - 3)(x - 4)$
16. $(2x - 3)(x + 4)$
17. $(2x + 1)(x + 3)$
18. $(2x - 1)(2x + 3)$
19. $(3x + 2)(x - 5)$
20. $(3x - 1)(2x + 3)$

