

PART 1: Geometric mean, Pythagorean

6. 48 cm^2

7. $\sqrt{4114}$

8. x

9. 17

10. $p\sqrt{3}$

11. isosceles, $A = 30$

12. $16\sqrt{3}$

13. $\frac{32\sqrt{3}}{3}$

14. $243\sqrt{3}$

15. $9/4$