

Algebra 2 Chapter 5 Practice Test – Answer Key

1. D

2. C

3. B

4. D

5. C

6. C

7. A

8. A

9. B

10. A

11. 2

12. $\frac{\sqrt[3]{100}}{5}$

13. $\frac{5\sqrt{2}}{2}$

14. $\frac{48-8\sqrt{7}}{29}$

15. $4\sqrt[5]{11}$

16. $26\sqrt[4]{7}$

17. $2x^4t^2$

18. $18\sqrt[5]{w}$

19. $x = 10$ (make sure you show the check step)

20. $x = -8$ (make sure you show the check step)

21. $x = 9$ (make sure you show the check step... $x = 4$ is an extraneous solution!)

22. $x = \pm 8$ (make sure you show the check step)