

Finding Square Roots of Perfect Squares

Name: _____

Date: _____

Instructions: Find the square root of each number. Remember: The square root of a number is the value that, when multiplied by itself, gives you that number.

Example: $\sqrt{16} = 4$ (because $4 \times 4 = 16$)

A. Find the square root of these numbers:

1. $\sqrt{4} =$ _____

2. $\sqrt{9} =$ _____

3. $\sqrt{16} =$ _____

4. $\sqrt{25} =$ _____

5. $\sqrt{36} =$ _____

6. $\sqrt{49} =$ _____

7. $\sqrt{64} =$ _____

8. $\sqrt{81} =$ _____

9. $\sqrt{100} =$ _____

10. $\sqrt{121} =$ _____

11. $\sqrt{144} =$ _____

12. $\sqrt{1} =$ _____

B. Challenge - Find these square roots:

13. $\sqrt{4} =$ _____

14. $\sqrt{100} =$ _____

15. $\sqrt{49} =$ _____

16. $\sqrt{144} =$ _____

17. $\sqrt{25} =$ _____

18. $\sqrt{81} =$ _____

C. Solve these problems:

19. A square garden has an area of 64 square metres. What is the length of one side?

Answer: _____

20. A square photo has an area of 36 square centimetres. What is the length of one side?

Answer: _____

21. A square board game has an area of 121 square centimetres. What is the length of one side?

Answer: _____

D. Complete these equations:

22. _____ $\times$ _____ = 16

23. _____ $\times$ _____ = 36

24. _____ $\times$ _____ = 100

25. _____ $\times$ _____ = 144