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: √16 = 4 (because 4 × 4 = 16)

A. Find the square root of these numbers:

1. √4 = _____
2. √9 = _____
3. √16 = _____
4. √25 = _____
5. √36 = _____
6. √49 = _____
7. √64 = _____
8. √81 = _____
9. √100 = _____
10. √121 = _____
11. √144 = _____
12. √1 = _____

B. Challenge - Find these square roots:

13. √4 = _____
14. √100 = _____
15. √49 = _____
16. √144 = _____
17. √25 = _____
18. √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. _____ × _____ = 16
23. _____ × _____ = 36
24. _____ × _____ = 100
25. _____ × _____ = 144