



Square roots with other Operations: Exponents, Addition and Subtraction, Division and Multiplication, and Perfect Squares

Grade 8 The Number System Worksheet

Date: _____

Name: _____

LET'S MAKE LEARNING SQUARE ROOTS FUN

Find the radicands of the following.

1. $18 = \sqrt{324}$

2. $20 = \sqrt{\quad}$

3. $16 = \sqrt{\quad}$

4. $9 = \sqrt{\quad}$

5. $10 = \sqrt{\quad}$

6. $19 = \sqrt{\quad}$

7. $12 = \sqrt{\quad}$

8. $1 = \sqrt{\quad}$

9. $5 = \sqrt{\quad}$

10. $7 = \sqrt{\quad}$

11. $11 = \sqrt{\quad}$

12. $14 = \sqrt{\quad}$

13. $6 = \sqrt{\quad}$

14. $8 = \sqrt{\quad}$

15. $17 = \sqrt{\quad}$

16. $13 = \sqrt{\quad}$

17. $4 = \sqrt{\quad}$

18. $0 = \sqrt{\quad}$

19. $15 = \sqrt{\quad}$

20. $3 = \sqrt{\quad}$



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Grade 8 The Number System Answer Sheet

1. $18 = \sqrt{324}$

2. $20 = \sqrt{400}$

3. $16 = \sqrt{256}$

4. $9 = \sqrt{81}$

5. $10 = \sqrt{100}$

6. $19 = \sqrt{361}$

7. $12 = \sqrt{144}$

8. $1 = \sqrt{1}$

9. $5 = \sqrt{25}$

10. $7 = \sqrt{49}$

11. $11 = \sqrt{121}$

12. $14 = \sqrt{196}$

13. $6 = \sqrt{36}$

14. $8 = \sqrt{64}$

15. $17 = \sqrt{289}$

16. $13 = \sqrt{169}$

17. $4 = \sqrt{16}$

18. $0 = \sqrt{0}$

19. $15 = \sqrt{225}$

20. $3 = \sqrt{9}$