



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. $29 = \sqrt{841}$

2. $10 = \sqrt{\quad}$

3. $30 = \sqrt{\quad}$

4. $22 = \sqrt{\quad}$

5. $19 = \sqrt{\quad}$

6. $27 = \sqrt{\quad}$

7. $23 = \sqrt{\quad}$

8. $7 = \sqrt{\quad}$

9. $25 = \sqrt{\quad}$

10. $28 = \sqrt{\quad}$

11. $12 = \sqrt{\quad}$

12. $6 = \sqrt{\quad}$

13. $24 = \sqrt{\quad}$

14. $21 = \sqrt{\quad}$

15. $16 = \sqrt{\quad}$

16. $15 = \sqrt{\quad}$

17. $0 = \sqrt{\quad}$

18. $20 = \sqrt{\quad}$

19. $23 = \sqrt{\quad}$

20. $39 = \sqrt{\quad}$



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

Grade 8 The Number System Answer Sheet

1. $29 = \sqrt{841}$

2. $10 = \sqrt{100}$

3. $30 = \sqrt{900}$

4. $22 = \sqrt{484}$

5. $19 = \sqrt{361}$

6. $27 = \sqrt{729}$

7. $23 = \sqrt{529}$

8. $7 = \sqrt{49}$

9. $25 = \sqrt{625}$

10. $28 = \sqrt{784}$

11. $12 = \sqrt{144}$

12. $6 = \sqrt{36}$

13. $24 = \sqrt{576}$

14. $21 = \sqrt{441}$

15. $16 = \sqrt{256}$

16. $15 = \sqrt{225}$

17. $0 = \sqrt{0}$

18. $20 = \sqrt{400}$

19. $23 = \sqrt{529}$

20. $39 = \sqrt{1521}$