

Radicals Lesson 1

Radical Expressions

Activity Answer Key

Write the following square roots. The problems are numbered, and three problems include simple fractions using a horizontal fraction line. Also, number each problem. [There is a braille answer document "L1-Radicals-Activity-Answers.brf" that can be used to independently check answers.]

1. the square root of thirty-six

$$\sqrt{36}$$

Answer: 

2. the square root of y

\sqrt{y}

Answer: 

3. the square root of one-ninth

$$\sqrt{\frac{1}{9}}$$

Answer:

4. the square root of zero point six four

$$\sqrt{0.64}$$

Answer: 

5. the square root of x minus two end root

$$\sqrt{x-2}$$

Answer:

6. the square root of x end root minus four

$$\sqrt{x} - 4$$

Answer:

7. the square root of y squared end root

$$\sqrt{y^2}$$

Answer: 

8. the square root of y end root squared

$$\sqrt{y}^2$$

Answer: 

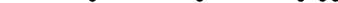
9. the square root of x squared minus z squared end root

$$\sqrt{x^2 - z^2}$$

Answer:

10. the square root of one-fourth y squared end root

$$\sqrt{\frac{1}{4}y^2}$$

Answer: 

11. the square root of open fraction forty-nine y to the sixth power over one hundred twenty-one z to the eighth power close fraction end root

$$\sqrt{\frac{49y^6}{121z^8}}$$

Answer: 

12. the square root of open parenthesis x sub two minus x sub one close parenthesis squared plus open parenthesis y sub two minus y sub one close parenthesis squared end root

$$\sqrt{(x_2 - x_1)^2 + (y_2 - y_1)^2}$$

Answer: