

Math Warm Up 5 (Demo Version)

Read each question carefully.

AZ-8.EE.A.2 Use square root and cube root symbols to represent solutions to equations of the form $x^2 = p$ and $x^3 = p$, where p is a positive rational number. Evaluate square roots of small perfect squares and cube roots of small perfect cubes. Know that $\sqrt{2}$ is irrational. [From cluster: Work with radicals and integer exponents]

1) Which of the following represents the cube root of 18?

A) 18^2

B) $\sqrt[3]{18}$

C) $18 \div 3$

D) 18^3

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2) What is the value of the expression below?

$$\sqrt{169}$$

A) 12

B) 13

C) 84.5

D) 28,561

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3) Which is equal to the following?

$$\sqrt{25}$$

- A) 50
 - B) 20
 - C) 12.5
 - D) 5
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4) What is s ?

$$s^2 = 64$$

- A) square of 8
 - B) cube of 8
 - C) cube root of 64
 - D) square root of 64
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5) What is a ?

$$a \times a \times a = 1,000$$

- A) square of 100
 - B) cube of 10
 - C) square root of 10
 - D) cube root of 1,000
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