



# Real Numbers

Math

Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Which number is **not rational**?

Circle the answer letter.

- a.  $\sqrt{49/64}$
- b. .142142...
- c.  $\sqrt{.50}$
- d.  $\sqrt{1.44}$

6 The **area** of a square picture frame is **441 in.<sup>2</sup>**. What is the **length** of the picture frame? Circle the answer.

- 20 in.
- 21 in.
- 22 in.
- 12 in.



2 Which number is **not irrational**?

Circle the answer letter.

- a.  $\pi$

7 Write the **square roots** of 256.

$$\sqrt{256}$$

3



## PREVIEW

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4

- d. -1.37, 1.37

5 What is the **area** of an **11-inch square** tile?

$$A = s^2$$

- 121 in.<sup>2</sup>
- 110 in.<sup>2</sup>
- 132 in.<sup>2</sup>
- 22 in.<sup>2</sup>



10 A rock falls off a **10-foot cliff**. The model that shows how far the rock falls (**h**) after **t** seconds is  **$h = -16t^2 + 10$** . About how long will it take the rock to reach the ground?

- a. 4 seconds
- b. 0.79 seconds
- c. 0.63 seconds





# Real Numbers - Answer Key

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16, -16

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