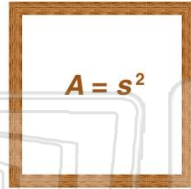




Name _____ Class _____ Date _____

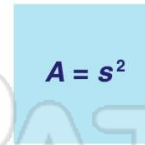
- 1 The **area** of a square picture frame is **441 in.²**. What is the **length** of the picture frame?

A 23 in.
B 21 in.
C 20 in.
D 12 in.



- 2 The **area** of a square tile is **72.25 in.²**. What is the **length** of the tile?

A 8 1/5 in.
B 8 1/4 in.
C 8 1/2 in.
D 8 3/4 in.



- 3 The **area** of a square plate is **689 cm²**. How **long** is each side of the plate, to the nearest hundredth?

A 26.25 cm

- 4 The net of a backyard volleyball court divides it into two squares. If the **area** of one of the square courts is **992.25 ft²**, how **long** is the net from sideline to sideline? **A = s²**



PREVIEW

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- 9 C -6.3, 6.3,
D -7.3, 7.3

- A -6.5, 6.5
B -6.8, 6.8
C -7.2, 7.2
D -7.5, 7.5

- 9 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 3.2 seconds
C 0.79 seconds
D 0.63 seconds



- 10 Mr. Foote's science class is timing how long it takes for an egg to fall 33 feet. Using the model, **$h = -16t^2 + 33$** , with ***h*** being the height and ***t*** being the time, about how long will it take for the egg to fall to the ground?

A 0.69 seconds
B 1.4 seconds
C 2.06 seconds
D 5.7 seconds

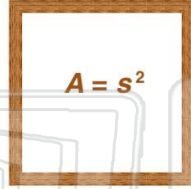




Name _____ Class _____ Date _____

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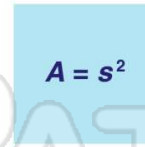
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(B)

2 The **area** of a square tile is **72.25 in.²**. What is the **length** of the tile?

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(C)

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- A 26.25 cm



(A)

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(C)



(D)

PREVIEW

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7

- C -6.3, 6.3,
- D -7.3, 7.3

- A -6.5, 6.5
- B -6.8, 6.8
- C -7.2, 7.2
- D -7.5, 7.5

(D)

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(C)

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