



Math



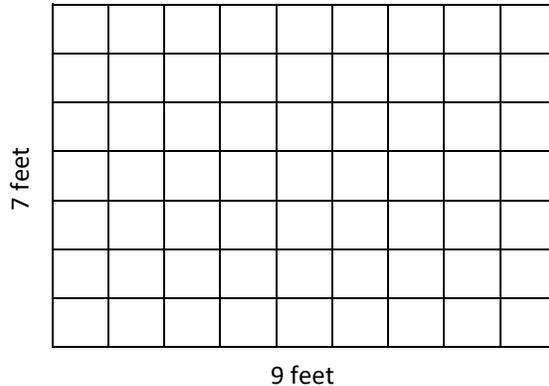
Literacy

AG-VENTURE WITH URBAN AG

Use the IAITC Urban Ag Mag to help you work through this worksheet!

In your own words, explain why food distribution is an important part of urban agriculture and our nation's agricultural system.

Rooftop Math! The grid below is a bare rooftop ready to be designed with a few garden beds. First, find the area of the rooftop. Then, draw 3 different sized square and/or rectangle garden beds. Last, find the area of each garden bed!



Area of Rooftop: _____ square feet

Area of Garden Bed 1: _____ square feet

Area of Garden Bed 2: _____ square feet

Area of Garden Bed 3: _____ square feet

Can you figure out the magic number?

Write the number for the correct definition in the lettered box for each vocabulary term. Add up the numbers in each row and column. If the sum of the numbers for each row and column are the same, then you've found the magic number!

Magic Number = _____

E.	I.	D.
B.	A.	F.
H.	G.	C.

Urban Ag Terms:

- A. Community
- B. Food Distribution
- C. Community Garden
- D. Farmers Market
- E. Landscape
- F. Food Processing
- G. CHSAS
- H. Rooftop Garden
- I. Greenhouse

Definitions:

1. Created to provide opportunities for diverse, urban students to study agriculture.
2. The use of art and science to create a pleasing, yet functional space.
3. Where raw agricultural products are turned into the food products we eat every day.
4. A place where farmers meet to sell their product to the community.
5. A group of people living together in a particular local area.
6. Promotes improvement to climate change issues by planting gardens on urban building roofs.
7. The constant flow of food products from distribution centers to businesses.
8. Any piece of land gardened by a group of people.
9. A building that can be controlled to improve growing conditions for plants.

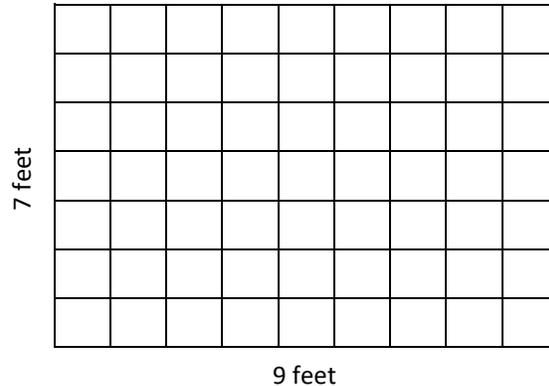
TEACHER RESOURCES

ANSWER KEY

In your own words, explain why food distribution is an important part of urban agriculture and our nation's agricultural system.

Answers should focus on how food distribution centers provide quality food grown throughout the United States. If these distribution centers did not exist, food products would not get to communities very fast.

Rooftop Math! The grid below is a bare rooftop ready to be designed with a few garden beds. First, find the area of the rooftop. Then, draw 3 different sized square and/or rectangle garden beds. Last, find the area of each garden bed!



Area of Rooftop: 63 square feet
 Area of Garden Bed 1: _____ square feet
 Area of Garden Bed 2: _____ square feet
 Area of Garden Bed 3: _____ square feet

Can you figure out the magic number?

Write the number for the correct definition in the lettered box for each vocabulary term. Add up the numbers in each row and column. If the sum of the numbers for each row and column are the same, then you've found the magic number!

Magic Number = 15

E. <u>2</u>	I. <u>9</u>	D. <u>4</u>
B. <u>7</u>	A. <u>5</u>	F. <u>3</u>
H. <u>6</u>	G. <u>1</u>	C. <u>8</u>

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