

# Match the Shapes

**Grade Level: K**

**Approximate Length of Activity: One class period**

## Objective

### Teacher

1. Challenge students to relate different shapes to different items.
2. Teach students about the shape of agricultural items.

### Students

1. The student will learn to recognize and explore geometry in everyday situations.
2. The student will learn to identify different shapes as they relate to agricultural items.

**Michigan Content Standards: (Math) G.GS.00.01; G.GS.00.03**

## Background

Everything the farmer uses in agriculture has its own special shape or size. Small bales of hay are rectangular. Large bales may be round. The farmer feeds the hay to cattle during the winter months.

The mineral block is a square shape. It has a salty taste that the animals like. The animals get the minerals they need from the mineral block. Some of the minerals the animals need are calcium and phosphorus.

Tractors and other large farm machinery move very slowly in traffic. The farmer places a sign on the back of the equipment to warn the other drivers. The sign is shaped like a triangle and says "Slow-Moving Traffic."

*Source: Oklahoma State University Division of Agricultural Sciences and Natural Resources*

## Materials Needed

1. Examples of different shaped agricultural products.  
( a slow moving sign, an ice cream cone, a seed packet, a bucket)
2. Copies of the "Match the Shapes" worksheets A and B

## Activity Outline

1. Hand out "Match the Shapes" worksheets
2. Make sure students understand the instructions.
3. Discuss what the agriculture-related items in worksheet A are used for, using the background materials.

## Discussion Questions

1. What are some examples of things on a farm that are circular?
2. What are some examples of things on a farm that are square?
3. Were you able to match the symbols with the correct words?

## Related Activity

Show students pictures of the farm equipment included in this lesson, or bring examples of actual items to class. Encyclopedias and farm magazines will have pictures, or get current photos of equipment on the market from a local equipment dealer.

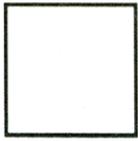
## Resources

1. "Little Drawing Book of Farms" by Ed Emberley
2. "Shape Up, Curvy Snake!" by Babs Bell Hajdusiewicz
3. "Just Plain Fancy" by Patricia Polacco

*Acknowledgement: Adapted from "Match the Shapes" provided by Oklahoma Agriculture in the Classroom.*

# Match the Shapes

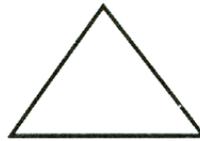
## Worksheet A



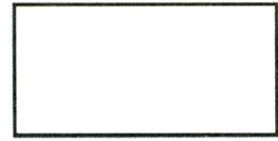
square



circle

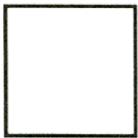


triangle

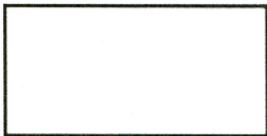


rectangle

Directions: Match the shape to the word. Then draw a line from the word to the farm shape.



rectangle



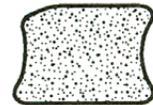
square



Bale of Hay



triangle



Mineral Block



circle



Bale of Hay

Draw these shapes.

rectangle	circle	square	triangle
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# Match the Shapes

## Worksheet B

Directions: This is one square from a hand-sewn quilt. It was made from scraps of material that were different shapes and colors. Find all the triangles and color them the same color. Then do the same with all the circles, squares and triangles. Write the color you used next to the shape word.

squares \_\_\_\_\_

rectangles \_\_\_\_\_

circles \_\_\_\_\_

triangles \_\_\_\_\_

