



Name \_\_\_\_\_

# Sumdog Garden Mystery Puzzle

Use Order of Operations to find the value of the items.

Grades 6-8

$$\text{soccer ball} \times \text{soccer net} + 7 - \text{grill} = 14$$

$$\text{tree} \div 2 + \text{pool} - 2 = 14$$

$$(8 - \text{soccer net}) \times \text{soccer ball} + 2 = 14$$

$$(\text{grill} - \text{soccer ball}) \times (\text{soccer net} + \text{soccer ball}) = 14$$

$$\text{pool} \times 2 - \text{soccer ball} \times 2 = 14$$

soccer ball =

soccer net =

grill =

tree =

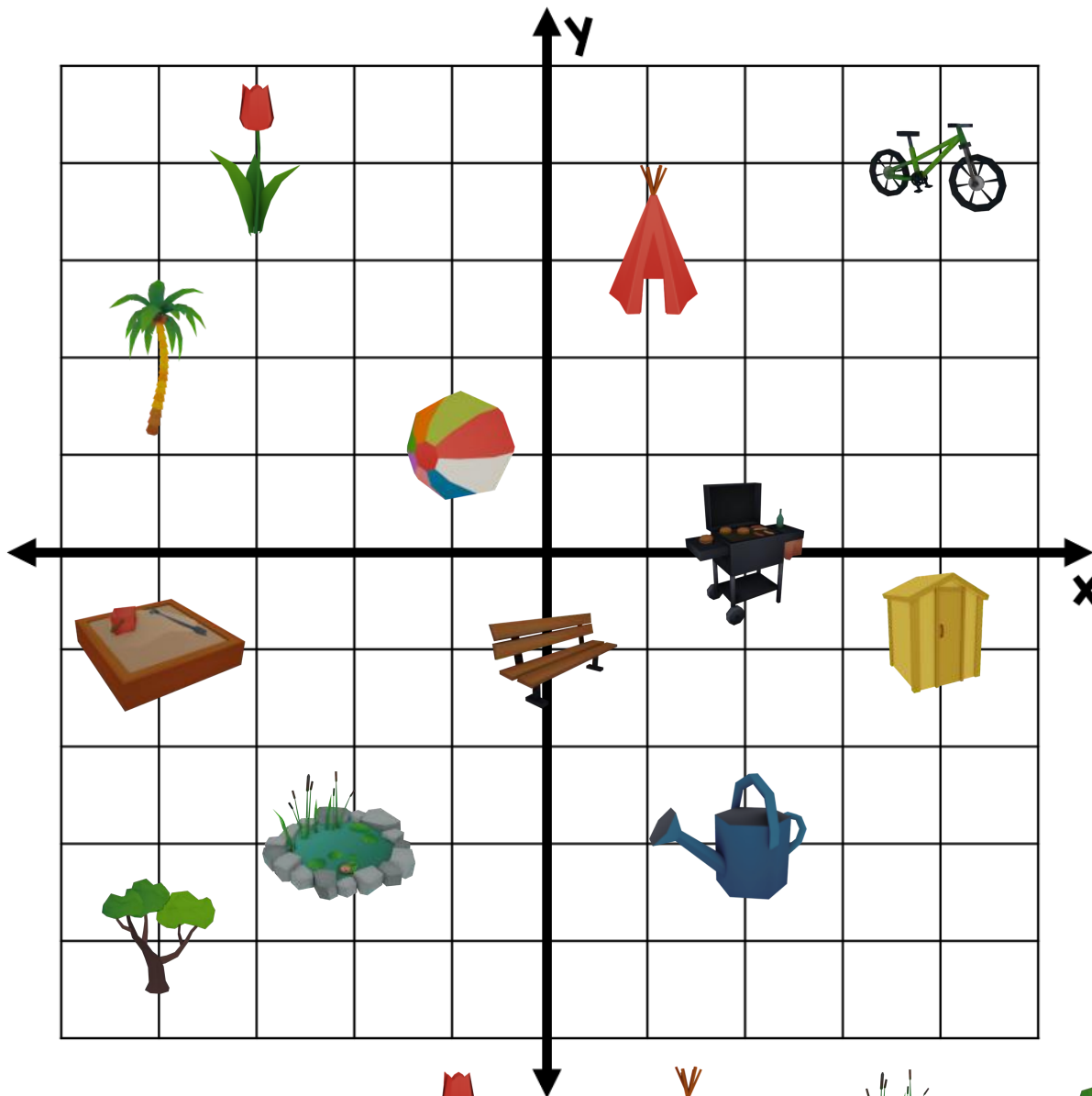
pool =















# Sumdog Garden Coordinate Grid

Locate each garden item icon and write the coordinates of its point.

Grades 6-8



 (_, _)	 (_, _)	 (_, _)	 (_, _)	 (_, _)	 (_, _)
 (_, _)	 (_, _)	 (_, _)	 (_, _)	 (_, _)	 (_, _)



# Outdoor Choice Board

Grades 6-8

Cross off the activities you complete!

## Angles and Triangles

Use sidewalk chalk to draw 3 angles - right, acute, obtuse. Then draw 3 triangles - equilateral, isosceles, and scalene.

## Estimation

Estimate how far it is to walk to a nearby corner, street sign, friend's house, park, etc. Then walk and count how many steps. Was your estimate reasonable? Why or why not?

## Data

Set up some buckets or boxes outside with different point values. Toss a ball or beanbag into them. Try doing this a few times and record your data in a dot plot or histogram.

## Volume

Find a rectangular object (or 2) around your house/yard. Find the volume ( $V=L \times W \times H$ ). If you have 2 objects, stack them and add their volumes together to find the combined volume.

## Equations

Use objects outside to represent integers and create your own equations for friends and family to solve. Twigs or small stones can be used to make signs/symbols.

## Ratios

Count up different types of objects in your yard and write down the ratio. Example: trees to flowers.



# Outdoor Choice Board

Cross off the activities you complete!

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