

WHAT'S THE PERIMETER OR AREA?

Purpose: Students will calculate the perimeter and area of 12 separate figures.

Suggested Grade Level: 3, 5

Math SOL: Measurement 3.10, 5.8

Equipment/Materials Needed:

1. Three shower curtain grids
2. Worksheet to complete
3. Fit Spots (or labeled sheets of paper with specific physical activities written on them)

Advance Preparation:

1. Draw 4 figures onto 3 shower curtain grids using overhead marking pens. You may use pre-cut squares and place on top of curtain to make one large shape. See attached example.
2. Label each figure 1-12.
3. Spread the curtains around the room.
4. Spread the Fit Spots around the room and label them 1-12.

Directions:

1. Divide students into pairs.
2. Hand out worksheet.
3. Assign students to begin at a specific shape number and circle that one on their worksheet.
This way not everyone is at number one waiting.
4. Read the directions listed on the worksheet to the class.
5. Remind students that each box length represents "1" in measurement.
6. Once a pair finished measuring a shape, instruct them to go to that number Fit Spot and perform the assigned physical activity for a set amount of time.
7. Continue steps above until each pair has measured and visited all 12 spots.

Teaching Suggestions:

1. Walk students through an example and demonstrate.
2. Make sure everyone is at their assigned shape number before starting.
3. Have students take turns doing the measuring. One student will do perimeter and one will do area, then flip flop on their next shape.

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WHAT IS THE PERIMETER OR AREA? WORKSHEET

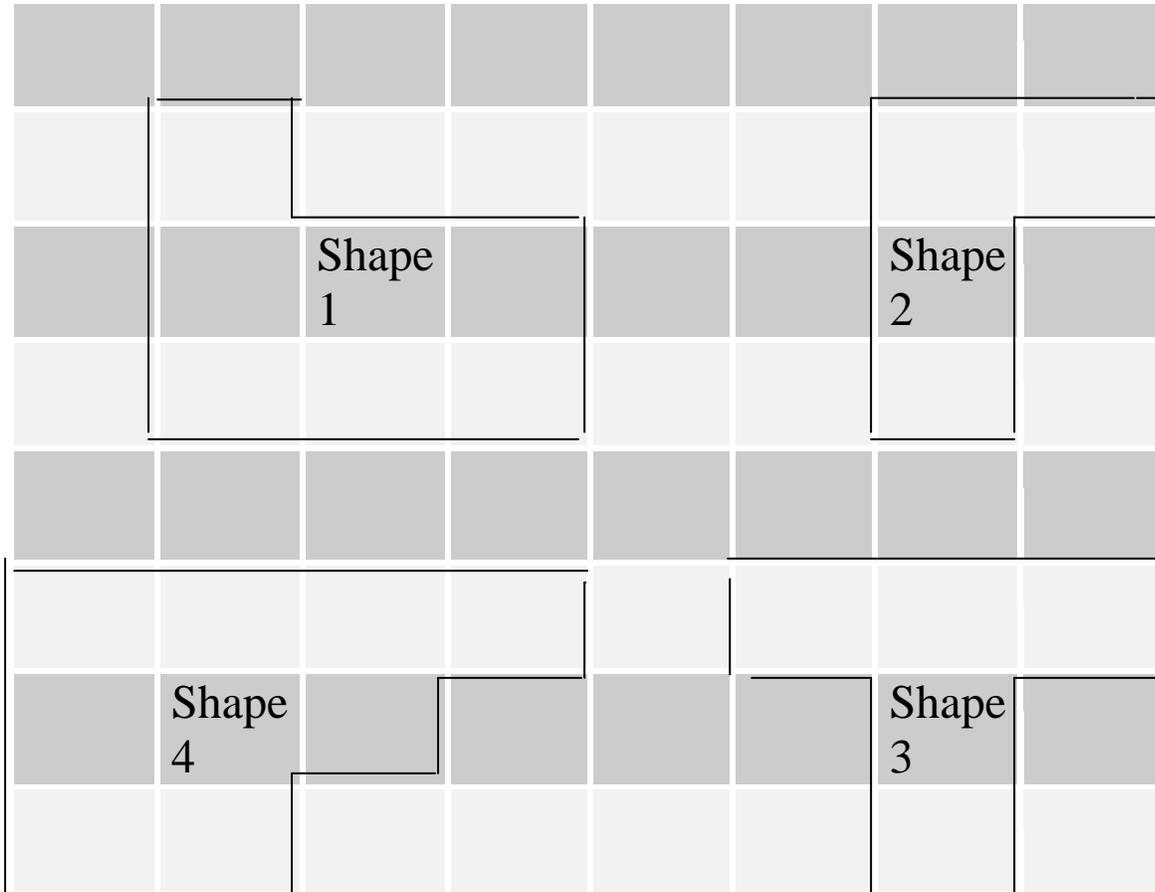
Name _____

Directions:

1. You will be assigned to a specific shape number.
2. Look at the shape and then decide what the perimeter is and write it down.
3. Look at the shape and then decide what the area is and write it down.
4. Go to the Fit Spot that has the **same number as the shape number** you just completed.
5. Complete the activity on the Fit Spot the same number of times as your perimeter total.
6. When complete, you are to move on to the next shape number and repeat the process.
After shape #12 you will move to shape number 1.

Shape Number	Perimeter	Area
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

Find the Perimeter



Fit Spot
#1
windmills

Fit Spot
#2
jog in place

Fit Spot
#3
toe touches

Fit Spot
#4
jumping
jacks

Fit Spot
#5
sit ups