

# PERIMETER AROUND THE ROOM

**Purpose:** Students will identify the perimeter of different shapes and participate in exercise using the answer.

**Suggested Grade Level:** 3-5

**Math SOL:** Measurement: 3.9, 4.7, 5.8

## **Equipment/Materials Needed:**

1. 12 pieces of cardstock numbered 1-12
2. Copies of worksheet for each student.

## **Advanced Preparation:**

1. Draw 12 shapes with each side labeled, or an easily identified side or two missing.
2. Glue each shape onto a numbered piece of cardstock.
3. Write a different exercise at the bottom of each sheet of cardstock.  
Example: windmills, scissor kicks, cross crawls
4. Place finished cardstock around the room.

## **Directions:**

1. Tell students that they will calculate the perimeter of different shapes today.
2. Explain to the students that they will be assigned a starting number.
3. Assign each student a number 1-12. There will be approximately 2 kids per shape.
4. Tell students that they are working individually but there may be more than one person at each shape.
5. Instruct students to go to their assigned number.
6. Tell students that when they arrive at their assigned number they are figure out the perimeter of the shape at that number and write it on their worksheet.
7. Explain to student that after they record the perimeter, they are to complete that same number of exercises listed at the bottom of the shape. So if the perimeter is 26, then the student will be doing 26 of whatever exercise is listed.
8. Tell students when they have completed that number of exercises they may move around the room to the next number on their worksheet and then calculate the perimeter of that shape and participate in the listed exercise the same number of times as the perimeter of the new shape.
9. Direct students to continue with this activity until they have completed all 12 shapes.
10. Remind students that when they get to number 12 they will go to find number 1.

## **Teaching Suggestions:**

1. Tell students to place their pencils down before participating in the exercises
2. You may need to remind students how to do specific exercises.
3. Try to place the numbers randomly around the room so kids have to search for their numbers.
4. Test out the number of exercises you will have the students doing. You may not want to choose push ups if the answer is 35.

## **Modifications/Variations:**

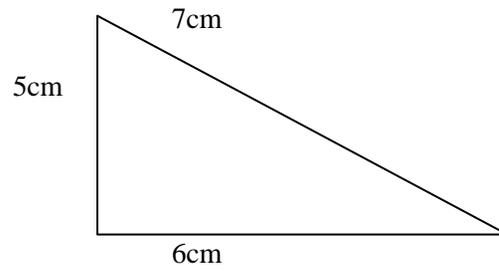
1 of 2

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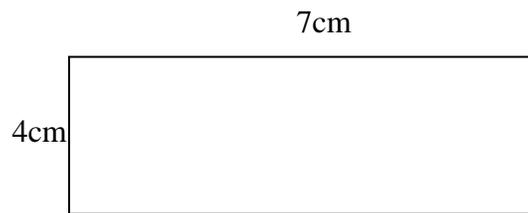
Williamsburg Community  
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1.



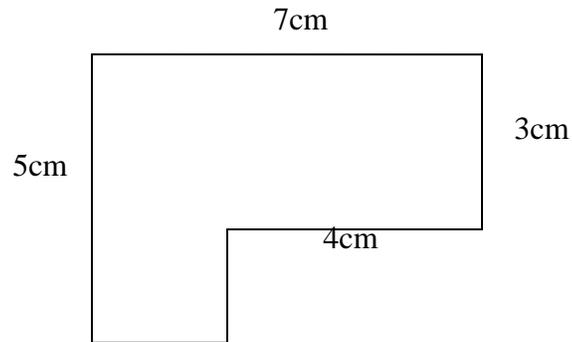
CRAB KICKS

2.



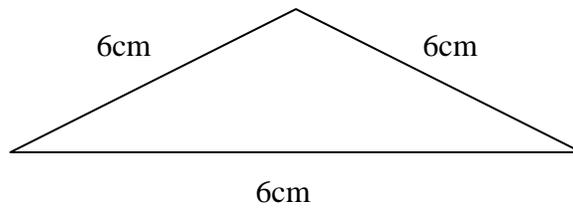
CROSS CRAWLS

3.



JUMPING JACKS

4.



SCISSOR KICKS

# What is the perimeter??

Name \_\_\_\_\_

## Directions:

1. You will be assigned to a specific shape number.
2. Look at the shape and then decide what the perimeter is.
3. Write it down.
4. Participate in the exercise listed the same number of times as the perimeter of the shape.
6. When you finish the exercises for that shape number move on to the next shape number and repeat the process. After shape #12 you will move to shape number 1.

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