

Sorting Polygons by Attributes

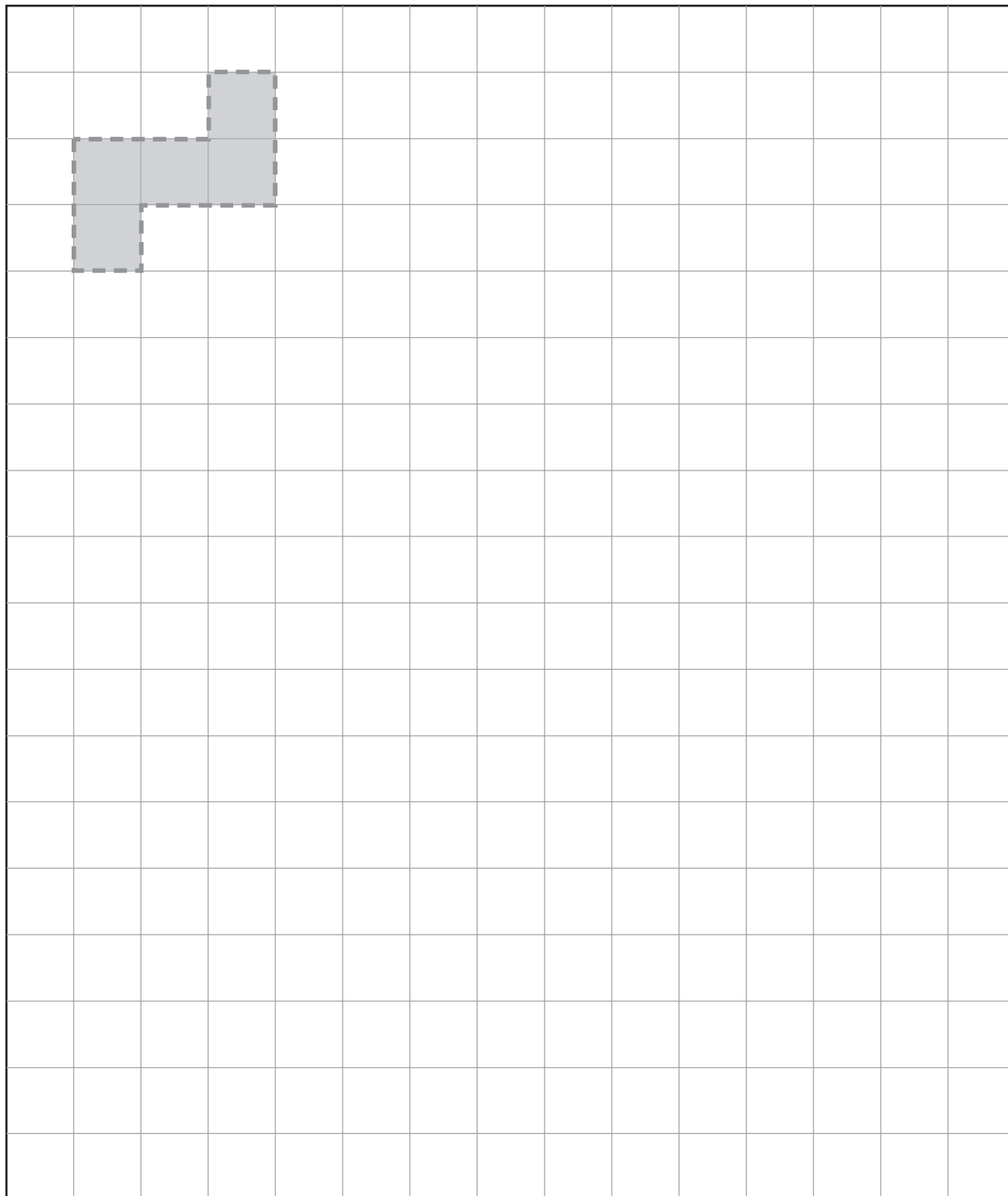
Write a rule for the shape sorter. Then draw shapes on each side of the sorter to fit the rule.

Rule: Polygons that have _____.

Rule: Polygons that do not have _____.

Finding Different Polygons

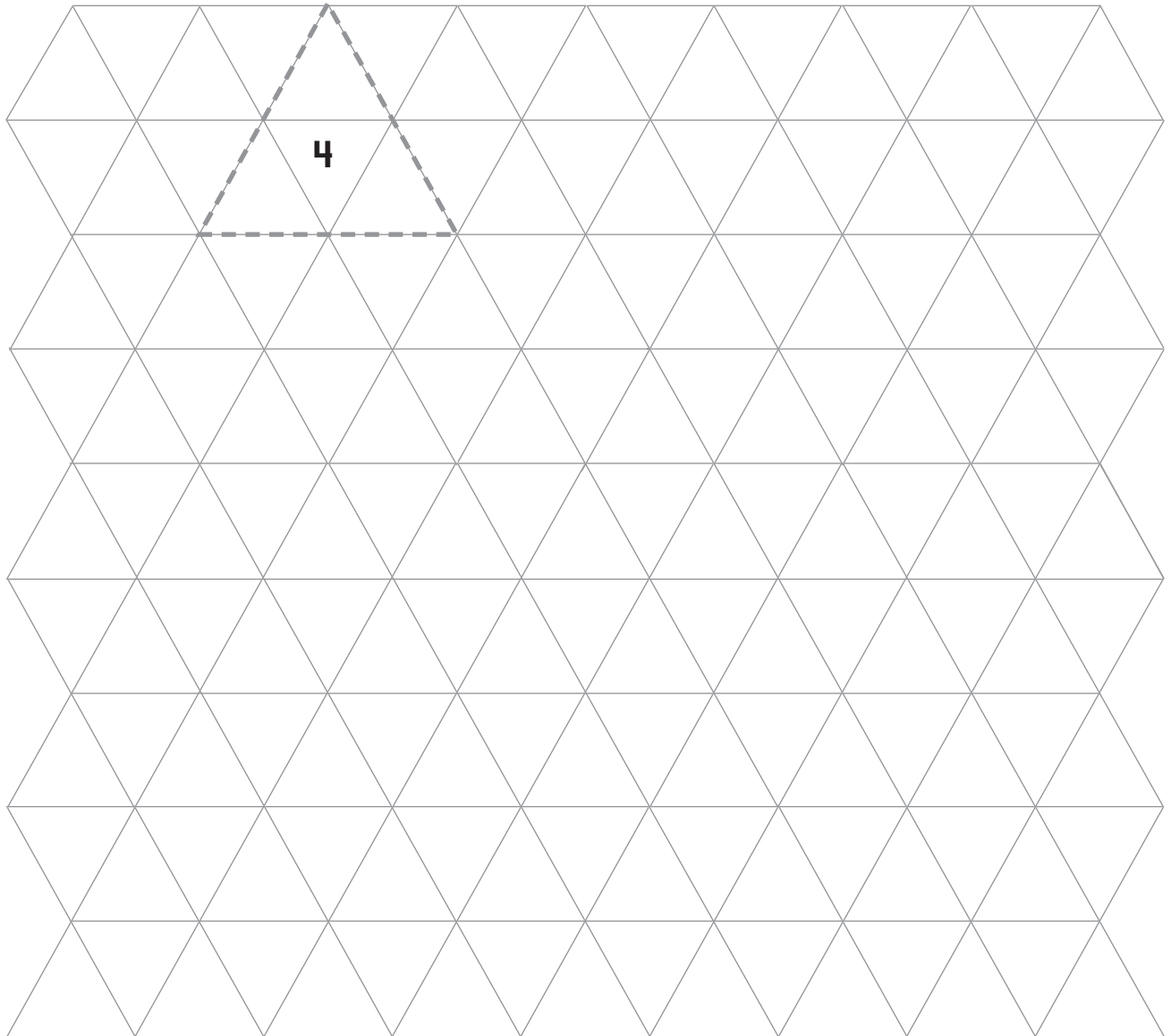
There are 12 polygons that can be made using 5 squares.
Can you find all 12? Draw as many as you can.



Building with Triangles

Draw two more big triangles. The lines of your triangles must go along the lines of the grid. How many grid triangles are inside your big triangles?

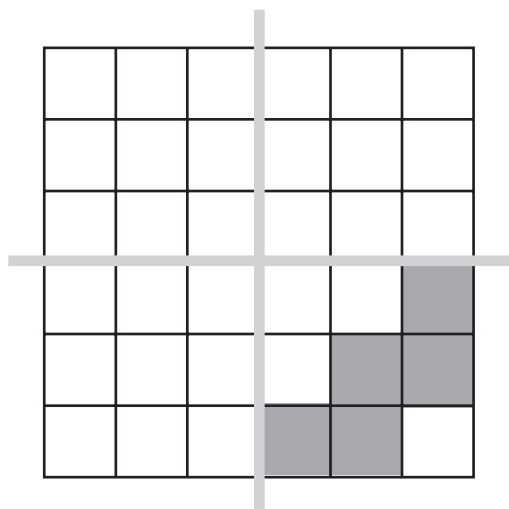
4



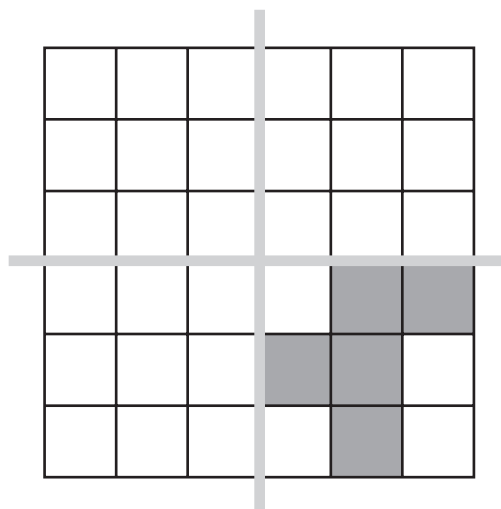
Looking at Reflections

Draw the reflections. Work across and down within each grid. Put the mirror on the thick line each time.

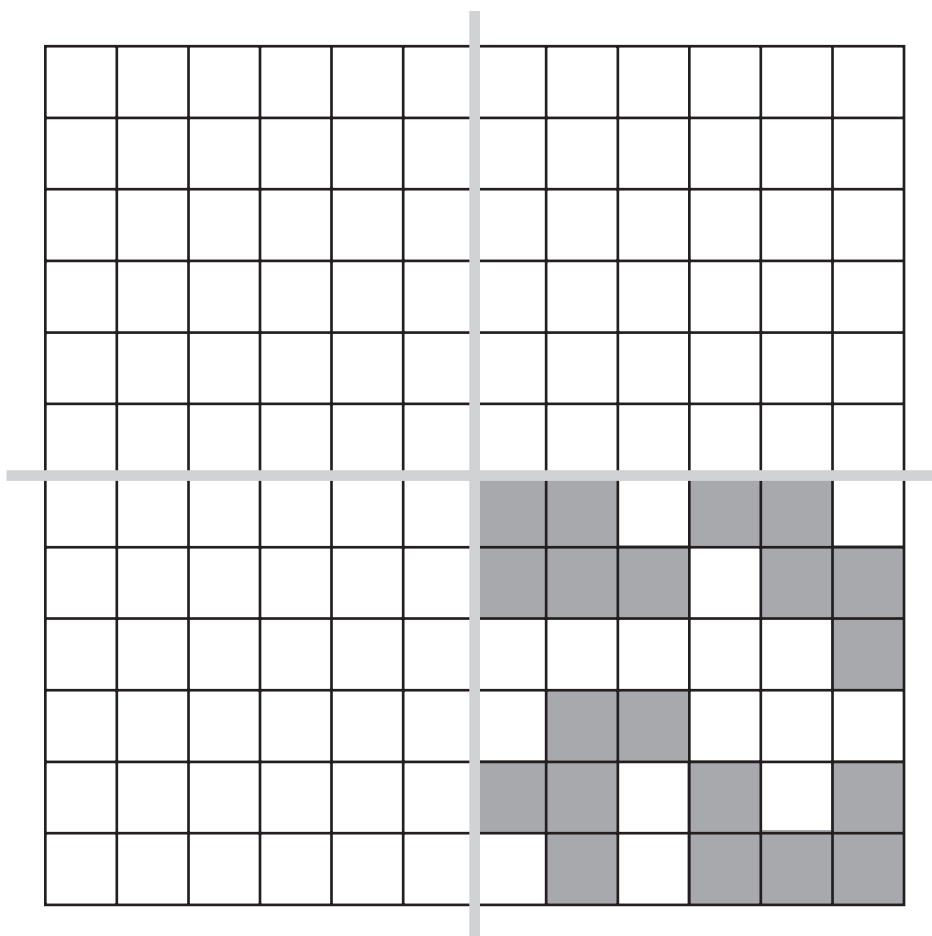
1.



2.



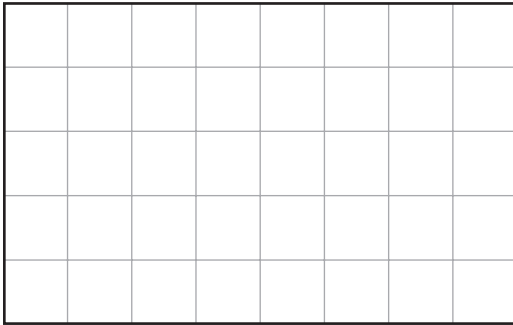
3.



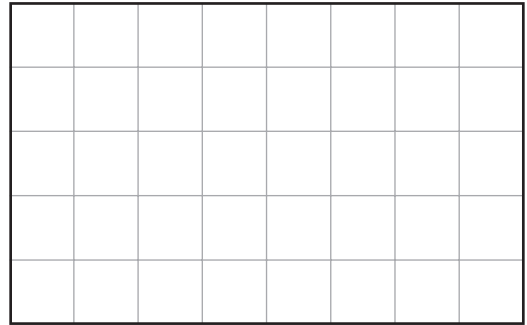
Lines of Symmetry

Follow the directions to draw each figure.

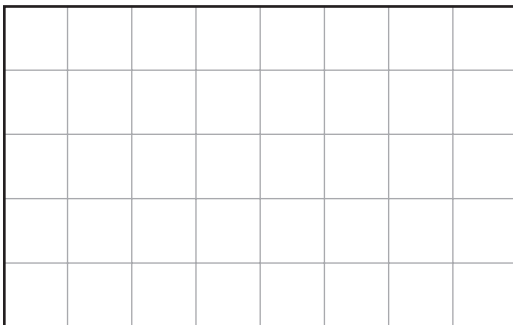
1. a polygon with exactly
1 line of symmetry



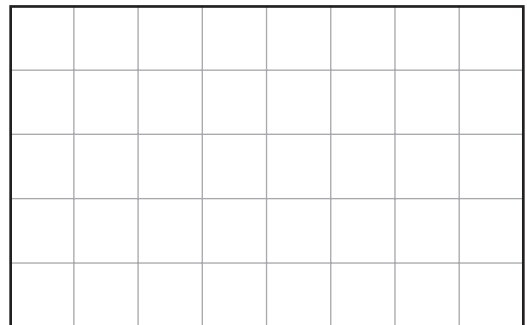
2. a polygon with no lines
of symmetry



3. a polygon with exactly
2 lines of symmetry

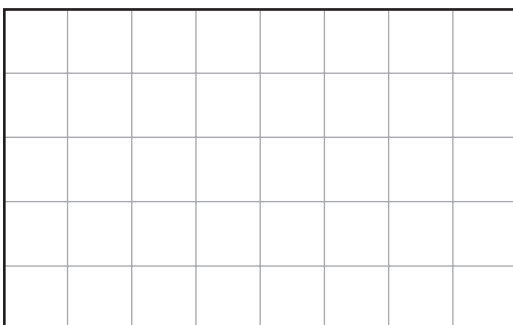


4. a polygon with exactly
4 lines of symmetry

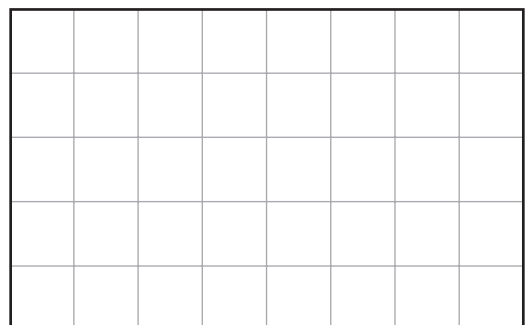


Draw your own figure. Write how many
lines of symmetry it has.

5. _____ lines of symmetry



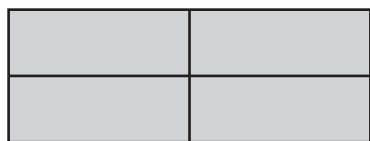
6. _____ lines of symmetry



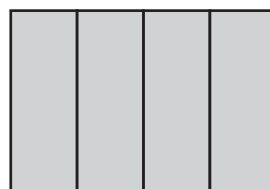
Cutting Polygons Apart

Match the figures made from the same pieces.

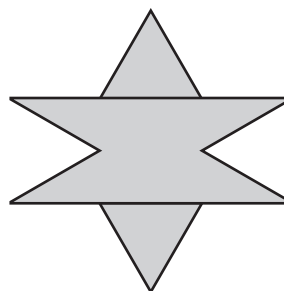
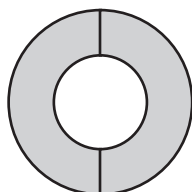
1.



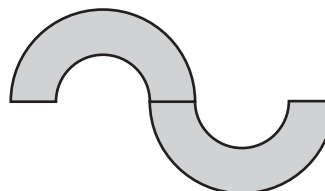
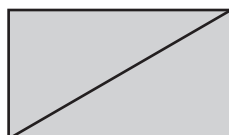
2.



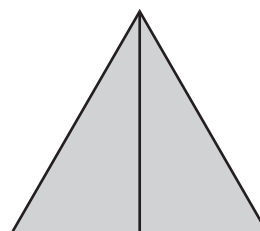
3.



4.



5.



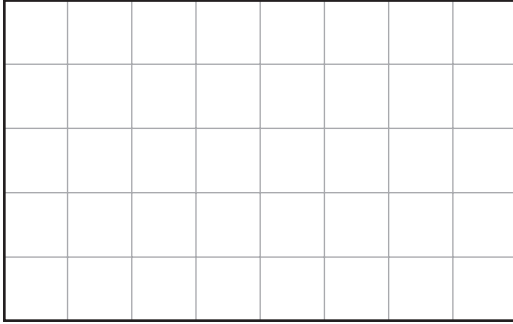
6. Which figure is not made of polygons? Explain.

Measuring Area

This figure is worth 5¢.  

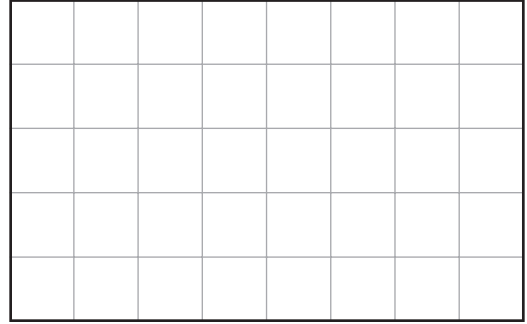
Draw a figure worth each amount.

1.



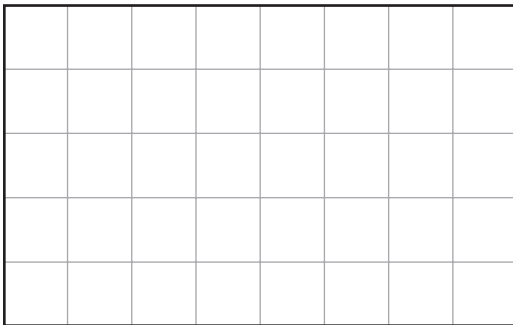
10¢

2.



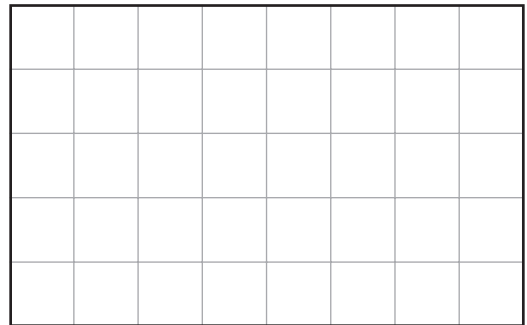
25¢

3.



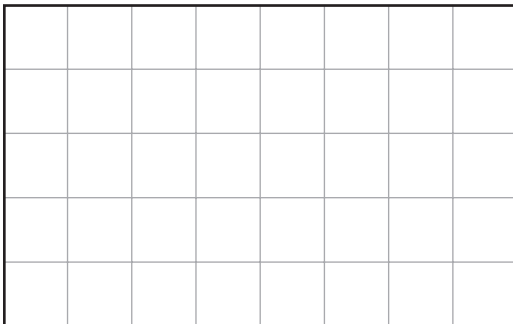
15¢

4.



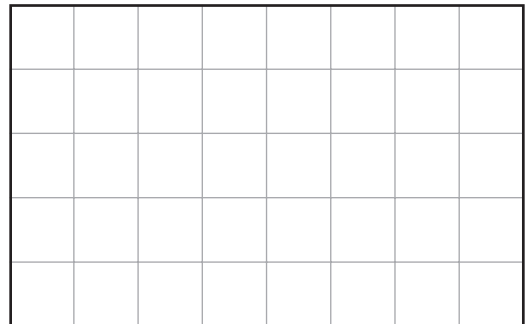
20¢

5.



30¢

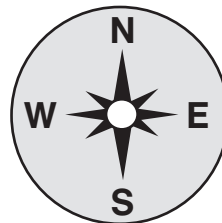
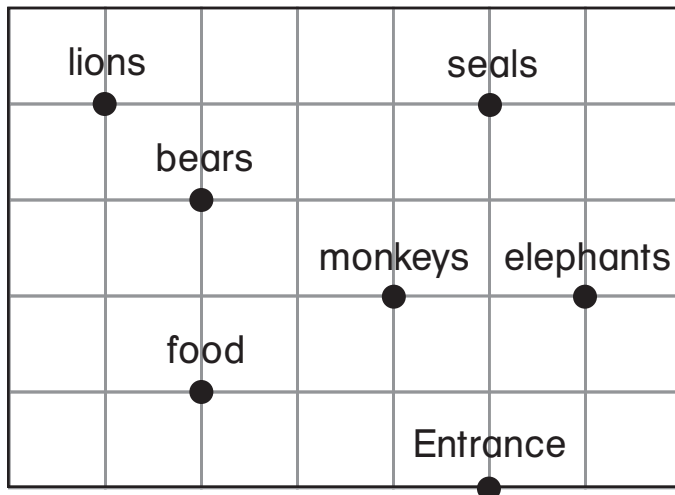
6.



45¢

Recording Paths

City Zoo

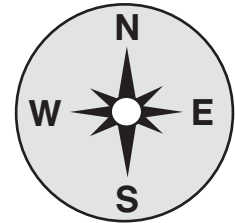
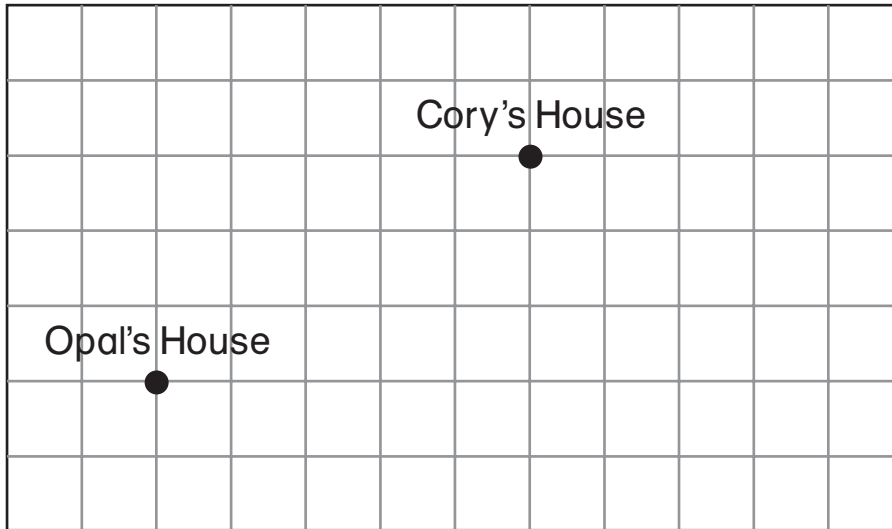


Where did you start?

1. You walk E E and you are at the elephants. Where did you start? _____
2. You walk W W W W and you are at the lions. Where did you start? _____
3. You walk N N N W W W and you are at the bears. Where did you start? _____
4. You walk W W W W S and you are at the food. Where did you start? _____
5. You are at the entrance to the zoo. What path would you take to see the monkeys and the elephants? _____

Directions from Here to There

Use the clues to mark each child's house on the map.

**1. Dina's house**

Dina's house is 5 blocks east of Opal's house. It is 3 blocks south of Cory's house.

2. David's house

David's house is 4 blocks north of Opal's house. It is 9 blocks away from Dina's house.

3. Ian's house

Ian's house is the same number of blocks from Opal's, Cory's, and David's houses.

4. Jim's house

Jim's house is the farthest from Cory's house on the map.

5. Robin's house

Robin's house is directly east of Cory's house. She lives 3 blocks from Pat's house.

6. Pat's house

Pat's house is 4 blocks away from Cory's house. It is north and east of Dina's house.