



## MULTIPLE CHOICE

1. Which figure has exactly two lines of symmetry? (6-11)

A.



B.



C.



D.



2. Which two figures do not appear to be congruent? (6-9)

A.



B.



C.



D.



## FREE RESPONSE

Use the figures at the right. (6-9)

3. Which pairs of figures are similar?

A, E; A, F; E, F; B, C; B, G; C, G

4. Which pairs of figures are congruent?

A, F; B, G

Before each turn, the minute hand on a clock is on 12. What number will the hand be on after each turn? (6-10)

5.  $\frac{1}{4}$  turn  
3

6.  $\frac{1}{2}$  turn  
6

7.  $\frac{3}{4}$  turn  
9

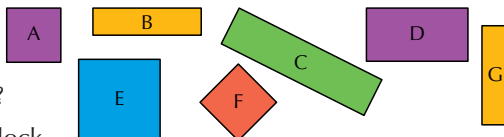
8. full turn  
12

9. On a blueprint, a rectangular living room is 9 inches long by 6 inches wide. The actual room is 20 times this length and width. What are the dimensions of the room? (6-9)

180 inches long and 120 inches wide

10. Suppose you want to make a symmetric drawing. If you are given half of a drawing and the line of symmetry, would you flip, slide or turn your half to make the second half? Use a drawing to explain your answer. (6-11)

Flip; Sample answer:



**TEST TALK**

**Think It Through**

Sometimes **drawing a picture** can help you solve a problem.

## Writing in Math

11. The letters at the right are capital block letters. Write your first name in block letters. Show the number of lines of symmetry in each letter of your name. (6-11)

A	B	C	D	E	F	G
H	I	J	K	L	M	N
O	P	Q	R	S	T	U
V	W	X	Y	Z		

Sample answer: N and L have none. C and E have one. I has two. O has an infinite number.

NICOLE