

Algebra

Complete the input-output table. Then write the rule for the table.

1

Input	Output
9	2
12	5
4	-3
7	
3	
	-2

Rule: _____

2

Input	Output
15	12
8	5
1	-2
4	
2	
0	

Rule: _____

3

Input	Output
4	-6
5	-5
1	-9
	-1
0	
3	

Rule: _____

4

Input	Output
20	8
5	-7
2	-10
	-1
	-3
6	

Rule: _____

Geometry

For 5–12, use the quadrilaterals in the box. Write the names of all the quadrilaterals that match the description.

Parallelogram	Rectangle	Rhombus
Square	Trapezoid	Kite

5 The figure must have at least one right angle.

6 The figure must have at least one pair of parallel sides.

7 The figure has only one pair of parallel sides.

8 The figure has two pairs of congruent sides.

9 The figure can have no congruent sides.

10 The figure must have four congruent angles.

11 The figure must have four congruent sides.

12 The figure may have no right angles.
