

Algebra

Complete the next 2 rows of the table. Then describe the pattern you used.

1

| Input | Output |
|-------|--------|
| 5 | 8 |
| 9 | 12 |
| 12 | 15 |
| 17 | 20 |
| 21 | |
| 38 | |

2

| Input | Output |
|-------|--------|
| 16 | 8 |
| 20 | 10 |
| 24 | 12 |
| 40 | 20 |
| 46 | |
| 54 | |

3

| Input | Output |
|-------|--------|
| 0 | 0 |
| 1 | 5 |
| 3 | 15 |
| 6 | 30 |
| 7 | |
| 12 | |

4

| Input | Output |
|-------|--------|
| 30 | 16 |
| 20 | 11 |
| 18 | 10 |
| 12 | 7 |
| 10 | |
| 4 | |

Geometry

For 9–11, use the coordinate grid. Write the coordinates of the vertices of each figure.

5 A _____

6 B _____

7 C _____

8 D _____

9 E _____

10 F _____

11 G _____

