

# Cookie Excavation

**Grid A**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														

A coordinate is the letter and number pair that describes a particular box in the grid. For example, the X in Grid A has coordinate E8.

**Grid B**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1														
2														
3														
4														
5														
6														
7														
8														
9														
10														
11														
12														
13														
14														
15														
16														
17														

1. Place your cookie in the middle of Grid A.

2. Note the coordinates of the top, bottom, left side, and right side of the cookie. Use them to sketch the perimeter of the cookie on Grid B.

3. Before excavating, note the coordinates of any chocolate chips you can see. Use them to sketch the chips onto Grid B.

4. Use a toothpick to excavate your cookie. As you find chocolate chips, note their coordinates and sketch them onto Grid B.

5. Did some areas of the cookie have more chocolate chips than others?