

Reflecting on Counters

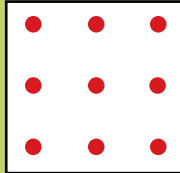
You need 9 counters

a mirror

a classmate

Activity

Jeannie has set up a grid of nine counters like this:



When Jeannie holds a mirror across her grid like this:



she can see six counters, like this:



1. Discuss with a classmate how Jeannie should place her mirror so that she can see:
 - a. one counter
 - b. three counters
 - c. 12 counters.

2. Are there any numbers of counters that Jeannie cannot see using her mirror?

3. What is the largest number of counters that Jeannie could use her mirror to see if she set up her grid like this?

