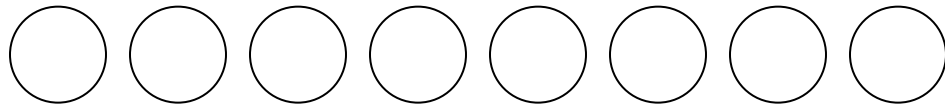


How many of each?

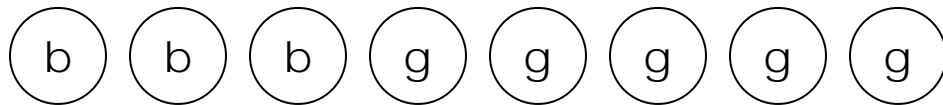
Example: I have 8 friends. Some are boys and some are girls. How many of each could I have?

The Circle Strategy:

1. First I look at the total number of "somethings" that I have (8) and I draw that many circles. After I finish drawing my circles I count to double check that I have the number of circles that I want (8).



2. Next I draw some "b"s in my circles to show how many boys there are and some "g"s in my circles to show how many girls there are.



3. Then I count my number of "b"s and "g"s to write my number problem (equation).

$$3b + 5g = 8$$

4. Last, because there are many possible correct answers I can go back and repeat steps 1-3 with different numbers of "b"s and "g"s.