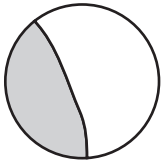


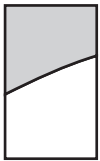
Name _____

For each figure, estimate the shaded portion as a fraction of the whole figure.
Explain how you got each of your estimates.

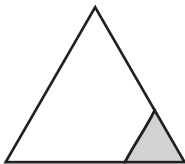
a.



b.

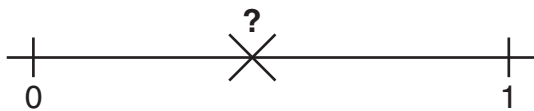


c.

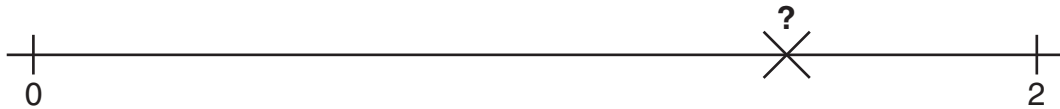


On each of these number lines, make an estimate of the fraction represented by the point marked X. Explain how you made your estimate.

d.

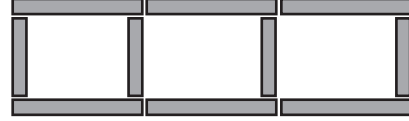
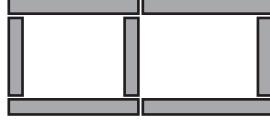
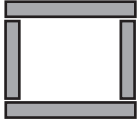


e.



Windows

Name _____



Step	1	2	3	4	5	6	7		20
No. of sticks	4	7	10						

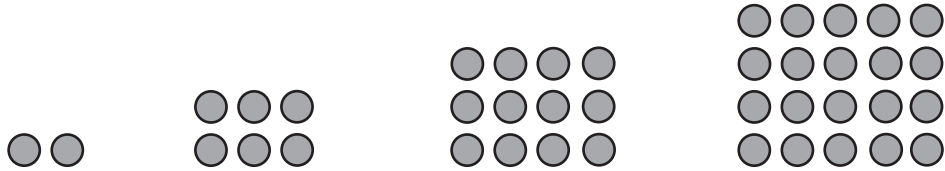
Describe the pattern you see in the drawing:

Describe the pattern you see in the table:

Describe how you can find the number of sticks in the 20th step:

Predict How Many

Name _____



Step	1	2	3	4	5	6	7	8	9	...	20
No. of sticks	2	6	12	20						...	

Describe the pattern you see in the drawing:

Describe the pattern you see in the table:

Describe how you can find the number of sticks in the 20th step:
