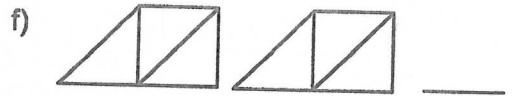
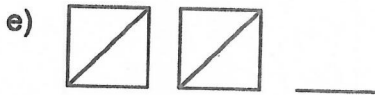
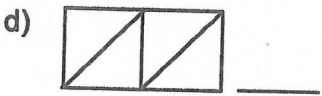
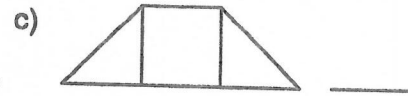
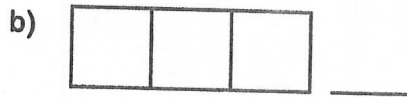
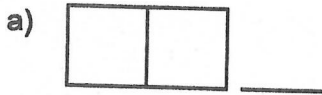
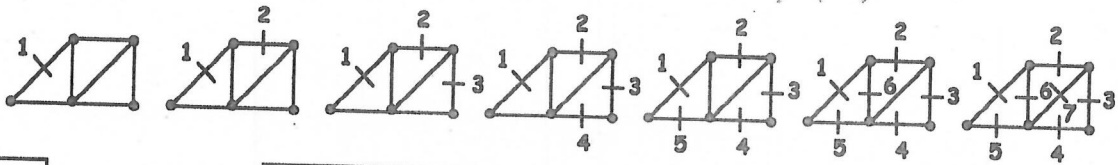


1. Count the number of line segments in each set of figures.

HINT: Count around the outside of the figure first, marking each line segment as you count.

Example:



2. Continue the pattern below, then complete the chart.

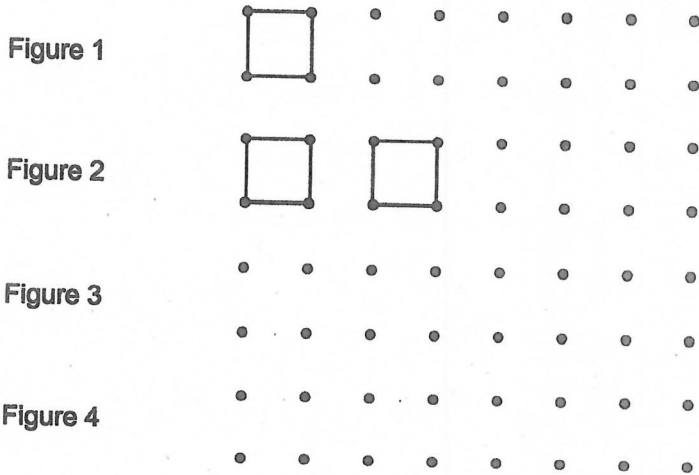


Figure	Number of Line Segments
1	4
2	8
3	
4	

How many line segments would Figure 5 have? _____

3. Continue the pattern below, then complete the chart.

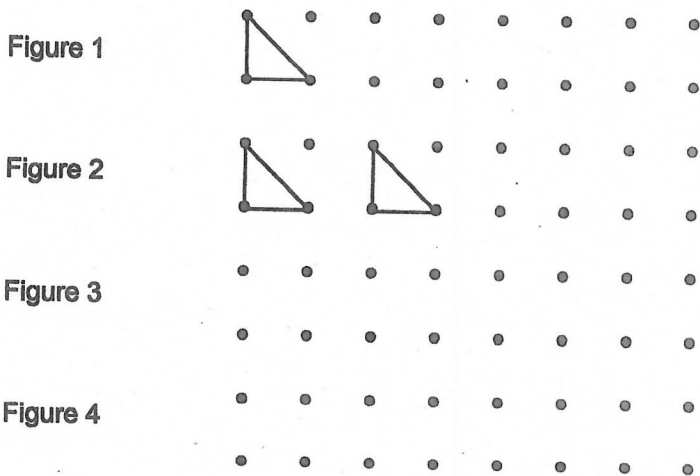


Figure	Number of Line Segments
1	
2	
3	
4	

How many line segments would Figure 5 have? _____

4. Continue the pattern below, then complete the chart.

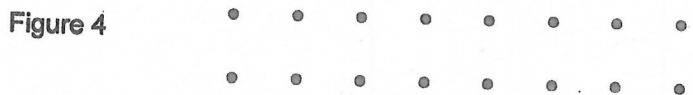
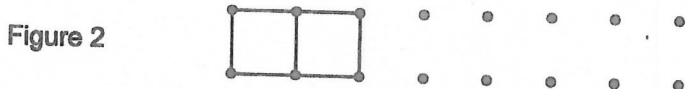
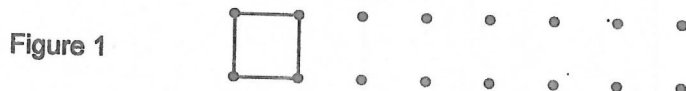


Figure	Number of Line Segments
1	
2	
3	
4	

a) How many line segments would Figure 5 have? _____

b) How many line segments would Figure 6 have? _____

c) How many line segments would Figure 7 have? _____

5. Continue the pattern below, then complete the chart.

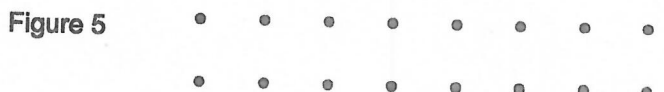
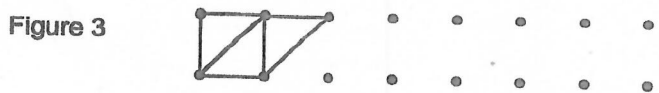


Figure	Number of Line Segments
1	
2	
3	
4	
5	

a) How many line segments would Figure 6 have? _____

b) How many line segments would Figure 7 have? _____

c) How many line segments would Figure 8 have? _____