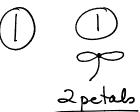
P	> AT	TE	ER	N	2











a) draw the next two protuves, number of petals below

b) note any pattern(s) - describe in words (be precise)
- # of petals are even numbers starting at 2

- Hof petals increases by 2 each time

- Hop petals is double (2x) the picture number

c) table of values showing the information

figure# # petals

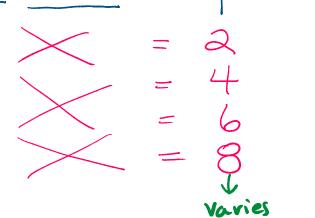
1 2 4 2 gap = 2 < Same gap for all

This is a linear relation

4 8 2

d) create an equation representing the pattern.

gap × fig# ± \_ = # petals



e) now you could find any figure # with any petal #

- 2
  - 3 toothpicks
- 2
- $\triangle \bigvee$
- <u>--</u>
- $\triangle$

- 4
- - 9

- (S) \_\_\_\_\_

- a) draw next two, and numbers
- b) pattern(4- describe be precise - add numbers starting at 3
- c) table

$$\begin{vmatrix} 2 & | 5 & | 9 & | 9 & | 2 \\ 3 & | 7 & | 9 & | | | | \\ 4 & | 9 & | | | | | | | \end{vmatrix}$$

$$ex.$$
 [13,5, 1,9,1]

$$\frac{\text{equation}}{\text{gap} \times \text{fig#}} \pm \underline{\hspace{0.2cm}} = \text{Number}$$

$$\frac{\text{gap} \times \text{fig#}}{2 \times 1} \pm \underline{\hspace{0.2cm}} = \underline{\hspace{0.2cm}}$$

$$\frac{\text{II}}{2 \times 2} \pm \underline{\hspace{0.2cm}} = \underline{\hspace{0.2cm}}$$

$$\frac{\text{II}}{2 \times 2} \pm \underline{\hspace{0.2cm}} = \underline{\hspace{0.2cm}}$$

nonework p137 #4,5

and 91317713and 91317713 9131713 91