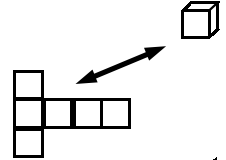
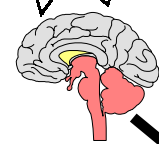


eg use differences

n	1	2	3	4	5	6	7
$x_n$	4	10	18	28	40	54	
$d_1$	6	8	10	12	14		
$d_2$		2	2	2	2		

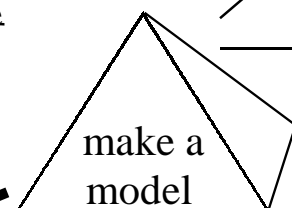


visualize it!

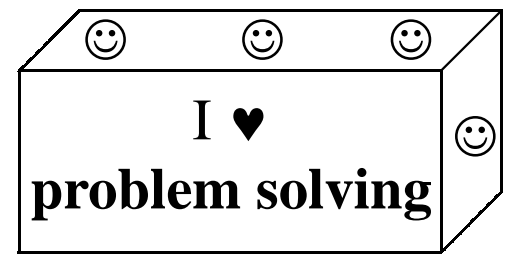


*know what you know*

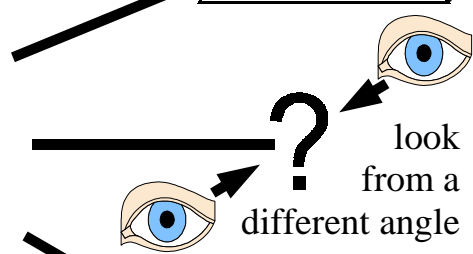
~~simplify~~  
keep it simple  
**k.i.s.s.!**



physical model  
mathematical model



~~success!~~  
trial and error  
~~improvement~~



Use a variable  
"let x be - -"

break into  
**p - a - r - t - s**

find a  
**parallel problem**

*a diagram*

- scale diagram
- sketch
- graph
- Venn Diagram
- tree diagram
- mind map

m	a	k	e	a
t	a	b	l	e

eg sum of two dice

	1	2	3	4	5	6
1						
2						
3						
4						
5						
6						