



MTH 3-13a

Homework 5

Gold Level



Outcome 1

Sequences

Write down the next two numbers in the following sequences...

 12, 14, 18, 24, ...  11, 61, 121, 191, ...

 5, 8, 13, 20, ...  16, 18, 22, 30, ...

 5, 8, 14, 23...  12, 22, 31, 39, ...

 2, 6, 14, 26, ...  11, 27, 41, 53, ...

 11, 61, 161, 311, ...  2, 12, 20, 26, ...

Outcome 2

Linear Patterns

For the following tables...

- Write down a rule
- Complete the table



triangles (T) 	1	2	3	?	?
matchsticks (M)	3	5	7	21	53



pentagons (P) 	1	2	3	?	?
no. of bolts (B)	5	9	13	33	149



no. of panels (P)	2	3	4	?	?
shelves (S) 	4	7	10	16	145



no. of boxes (B)	1	2	3	?	?
trophies (T) 	4	6	8	12	114