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Math worksheet on *'Number Sequences - Polynomial, First Terms (Level 1)'*. Part of a broader unit on *'Patterns and Sums - Intro'*

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1 What are the first 3 terms, starting with m = 1 in this number sequence

$$m^2 + 8$$

a	b
8, 32, 72	3, 6, 11
c	**d**
9, 12, 17	1, 4, 9
e	**f**
9, 16, 35	8, 32, 72

2 What are the first 3 terms, starting with p = 1 in this number sequence

$$p^2 + 9$$

a	b
3, 6, 11	9, 36, 81
c	**d**
10, 17, 36	9, 36, 81
e	**f**
10, 13, 18	1, 4, 9

3 What are the first 3 terms, starting with r = 1 in this number sequence

$$r^2 + 2$$

a	b
2, 8, 18	3, 6, 11
c	**d**
4, 6, 8	1, 4, 9
e	**f**
2, 8, 18	3, 10, 29

4 What are the first 3 terms, starting with d = 1 in this number sequence

$$4d^2 + 6$$

a	b
12, 24, 44	2, 20, 50
c	**d**
10, 22, 42	10, 28, 58
e	**f**
10, 38, 114	0, 12, 32

5 What are the first 3 terms, starting with r = 1 in this number sequence

$$6r^2 + 3$$

a	b
-3, 6, 21	9, 51, 165
c	**d**
0, 18, 48	18, 36, 66
e	**f**
9, 27, 57	9, 18, 33

6 What are the first 3 terms, starting with p = 1 in this number sequence

$$4p^2 + 2$$

a	b
6, 12, 22	-2, 4, 14
c	**d**
0, 12, 32	12, 24, 44
e	**f**
6, 34, 110	6, 18, 38

7 What are the first 3 terms, starting with p = 1 in this number sequence

$$p^2 + 3$$

a	b
3, 6, 11	3, 12, 27
c	**d**
4, 11, 30	3, 12, 27
e	**f**
4, 7, 12	1, 4, 9