

NAME: _____

FORM: _____

NUMBER SEQUENCES

Section A

Use the rule to create the pattern. Write one number on each space.

Eg: Start at 34 and create a pattern with the rule 'add 8'.

Ans: 34 42 50 58 66

1) Start at 38 and create a pattern with the rule '*subtract 9*'.

2) Start at 15 and create a pattern with the rule '*multiply by 2*'.

3) Start at 125 and create a pattern with the rule '*divide by 5*'.

4) Start at 100000 and create a pattern with the rule '*divide by 10*'.

5) Start at 39 and create a pattern with the rule '*add 2*'.

6) Start at 1 and create a pattern with the rule '*multiply by 10*'.

7) Start at 4 and create a pattern with the rule 'add 7'.

8) Start at 21 and create a pattern with the rule 'subtract 3'.

9) Start at 45 and create a pattern with the rule 'subtract 5'.

10) Start at 243 and create a pattern with the rule 'divide by 3'.

Section B

Look at the pattern and find the rule.

Eg: 34 42 50 58 66 72

Rule: Add 8

1) 4 8 16 32 64 128 Rule = _____

2) 11 22 33 44 55 66 Rule = _____

3) 100 95 85 80 75 70 Rule = _____

4) 0.25 1 4 16 64 256 Rule = _____

5) 64 32 16 8 4 2 Rule = _____