

Q5 (Follow the rule) Day 23

Name: _____

1. Look at the rule below:

Add 4 to the previous number and then divide by 2.

Ruth uses this rule to write **a sequence of 5 numbers**. The **first** number Ruth writes is **20**. The **third** number she writes is **8**. Write the **three missing numbers** in the spaces provided below

20 _____ 8 _____ _____

2. Look at the rule below:

Add 1 to the previous number and then multiply by 3.

Derek uses this rule to write **a sequence of 5 numbers**. The **first** number Derek writes is **1**. The **third** number he writes is **21**. Write the **three missing numbers** in the spaces provided below

1 _____ 21 _____ _____

3. Look at the rule below:

Subtract 2 from the previous number and then divide by 2.

Grace uses this rule to write **a sequence of 5 numbers**. The **first** number Grace writes is **102**. The **third** number she writes is **24**. Write the **three missing numbers** in the spaces provided below

102 _____ 24 _____ _____

4. Look at the rule below:

Subtract 4 from the previous number and then multiply by 4.

Sam uses this rule to write **a sequence of 5 numbers**. The **first** number Sam writes is **6**. The **third** number he writes is **16**. Write the **three missing numbers** in the spaces provided below

 6 16

5. Look at the rule below:

Divide the previous number by 2 and then add 10.

Clare uses this rule to write **a sequence of 5 numbers**. The **first** number Clare writes is **100**. The **third** number she writes is **40**. Write the **three missing numbers** in the spaces provided below

 100 40

6. Look at the rule below:

Multiply the previous number by 6 and then subtract 30.

Barney uses this rule to write **a sequence of 5 numbers**. The **first** number Barney writes is **6**. The **third** number he writes is **6**. Write the **three missing numbers** in the spaces provided below

 6 6

7. Look at the rule below:

Divide the previous number by 2 and then add 6.

Max uses this rule to write **a sequence of 5 numbers**. The **first** number Max writes is **8**. The **third** number he writes is **11**. Write the **three missing numbers** in the spaces provided below

 8 11

8. Look at the rule below:

Multiply the previous number by 7 and then subtract 21.

Annie uses this rule to write **a sequence of 5 numbers**. The **first** number Annie writes is **4**. The **third** number she writes is **28**. Write the **three missing numbers** in the spaces provided below

 4 28

9. Look at the rule below:

Add 7 to the previous number and then divide by 2.

Patrick uses this rule to write **a sequence of 5 numbers**. The **first** number Patrick writes is **5**. The **third** number he writes is **6.5**. Write the **three missing numbers** in the spaces provided below

 5 6.5

10. Look at the rule below:

Subtract 3 from the previous number and then multiply by 10.

Gemma uses this rule to write a **sequence of 5 numbers**. The **first** number Gemma writes is **4**. The **third** number she writes is **70**. Write the **three missing numbers** in the spaces provided below

 4 70

11. Look at the rule below:

Divide the previous number by 2 and then subtract 2.

Toby uses this rule to write a **sequence of 5 numbers**. The **first** number Toby writes is **1000**. The **third** number he writes is **247**. Write the **three missing numbers** in the spaces provided below

 1000 247

12. Look at the rule below:

Multiply the previous number by 9 and then add 1.

Isla uses this rule to write a **sequence of 5 numbers**. The **first** number Isla writes is **3**. The **third** number she writes is **253**. Write the **three missing numbers** in the spaces provided below

 3 253

Answers

1.	20	12	8	6	5		
2.	1	6	21	66	201		
3.	102	50	24	11	4.5		
4.	6	8	16	48	176		
5.	100	60	40	30	25		
6.	6	6	6	6	6		
7.	8	10	11	11.5	11.75		
8.	4	7	28	175	1204		
9.	5	6	6.5	6.75	6.875		
10.	4	10	70	670	6670		
11.	1000		498	247	121.5	58.75	
12.	3		28	253	2278	20503	