

Name _____

Date _____

Sequences (A)

① Complete the table.

<i>x</i>	1	2	3	4	5	6
<i>y</i>	3	6	9			

a) Describe the pattern in the table.

b) What would the 9th term in the pattern be?

② Complete the table.

<i>x</i>	1	2	3	4	5	6
<i>y</i>	5	10	15			

a) Describe the pattern in the table.

b) What would the 8th term in the pattern be?

③ Apply the rule to complete the number patterns.

a) Rule:  $\times 2 =$

	1	2	3	4	5	6	7	8
<input type="text"/>								

b) Rule:  $+ 5 \times 2 =$

	1	3	5	7	9	11	13	15
<input type="text"/>								

c) Rule:  $\times 10 - 6 =$

	1	3	5	7	9	11	13	15
<input type="text"/>								



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Sequences (B)

① Complete the table.

<i>x</i>	1	2	3	4	5	6
<i>y</i>	7	14	21			

a) Describe the pattern in the table.

b) What would the 10th term in the pattern be?

② Complete the table.

<i>x</i>	10	20	30	40	50	60
<i>y</i>	19			79		119

a) Describe the pattern in the table.

b) What would the 100th term in the pattern be?

③ Apply the rule to complete the number patterns.

a) Rule: $\bigcirc \times 10 \div 2 = \square$

<big>○</big>	1	2	3	4	5	6	7	8
<big>□</big>								

b) Rule: $4 \times \bigcirc + 5 \times 2 = \square$

<big>○</big>	2	4	6	8	10	12	14	16
<big>□</big>								

c) Make your own rule and use it to fill in the table.

