

## Scaffolded Sequences Worksheet

### Question 1) Fill in Step 5

A	1	2	3	4
B	21	19	17	15

Step 2 –  $-2n$

Step 3 -

C	-2	-4	-6	-8
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Step 4 – 23

Step 5 –

Step 1 – Find the pattern.

Step 2 – Multiply this number by 'n'.

Step 3 – Multiply the term numbers by the pattern number.

Step 4 – What is the difference between your values for step 3 and the sequence?

### Question 2) Fill in steps 4 and 5

A	1	2	3	4
B	5	9	13	17

Step 2 –  $4n$

Step 3 -

C	4	8	12	16
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Step 4 –

Step 5 –

Step 1 – Find the pattern.

Step 2 – Multiply this number by 'n'.

Step 3 – Multiply the term numbers by the pattern number.

Step 4 – What is the difference between your values for step 3 and the sequence?

### Question 3) Fill in steps 3,4 and 5.

A	1	2	3	4
B	3	10	17	24

Step 2 –  $7n$

Step 3 -

C				
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Step 4 –

Step 5 –

Step 1 – Find the pattern.

Step 2 – Multiply this number by 'n'.

Step 3 – Multiply the term numbers by the pattern number.

Step 4 – What is the difference between your values for step 3 and the sequence?

Question 4) Fill in steps 2,3,4 and 5.

A	1	2	3	4
B	5	11	17	23

Step 2 –

Step 3 -

C				
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Step 4 –

Step 5 –

Step 1 – Find the pattern.

Step 2 – Multiply this number by 'n'.

Step 3 – Multiply the term numbers by the pattern number.

Step 4 – What is the difference between your values for step 3 and the sequence?

Question 5) Fill in steps 1,2,3,4 and 5.

A	1	2	3	4
B	11	21	31	41

Step 2 –

Step 3 -

C				
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Step 4 –

Step 5 –

Step 1 – Find the pattern.

Step 2 – Multiply this number by 'n'.

Step 3 – Multiply the term numbers by the pattern number.

Step 4 – What is the difference between your values for step 3 and the sequence?