

Investigation Guide- Find My Pattern (Task 10)

This investigation assumes that you are familiar with the task and have played it a few times.

Investigation

Does the position of the given numbers determine the strategies you use to solve the number pattern?

Your Task:

Using the following numbers; 26, 13, 21, 7 and 12, complete the two step number pattern. Record the pattern. Describe the strategy you used.

		14	9	18			
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Using the following numbers; 8, 3, 5, 7 and 6, complete the two step number pattern. Record the pattern. Describe the strategy you used.

					10	9	12
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Using the following numbers; 162, 36, 81, 24 and 54, complete the two step number pattern. Record the pattern. Describe the strategy you used.

48		72		108			
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Using the following numbers; 39, 46, 20, 41 and 27, complete the two step number pattern. Record the pattern. Describe the strategy you used.

	25		32	34			
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Challenge:

Make up a similar pattern of your own.

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