

4 in a line – Extending Sequences

Instructions: In pairs, take it in turns to choose a question from the question grid. Answer the question in your book and find the answer in the answer grid. Colour in the box with the answer in. To win, you need to get 4 answers in a line on the answer grid. Work out the next term in each sequence.

Question Grid				
2, 4, 8, 16, ...	3, 4, 7, 11, ...	3, 9, 19, 33, ...	1, -3, 9, -27, ...	1, 8, 27, 64, ...
1, 4, 9, 16, ...	8, 15, 22, 29, ...	1, 6, 36, 216, ...	-5, -1, 3, 7, ...	2, 10, 50, 250, ...
15, 6, -3, -12, ...	5, 15, 45, 135, ...	1, 3, 6, 10, ...	6, 1, -4, -9, ...	92, 87, 82, 75, ...
6, 14, 26, 42, ...	-2, 6, -18, 54, ...	8, 13, 22, 35, ...	6, 9, 14, 21, ...	4, 10, 18, 28, ...
4, -1, -6, -11, ...	1, 1, 2, 3, 5, ...	2, -2, 2, -2, ...	5, 10, 20, 40, ...	4, 16, 64, 256, ...

Answer Grid				
1296	18	-21	15	62
52	1024	80	72	50
-162	125	30	81	8
36	1250	-14	32	2
405	-16	25	11	51