

Aliens

Four aliens are trapped on Earth!

Your task is to lead them on a path from Earth through space to find a way out of our galaxy.

Use the following clues to help you.

Alien A must travel a path through consecutive multiples of 3.


Alien B must travel a path through consecutive square numbers.

Alien C must travel a path through consecutive triangle numbers.

Alien D must travel a path through a doubling sequence that starts at 1.

Aliens may travel horizontally, vertically and diagonally.


On the grid, shade a path for each alien in a different colour

49	73	36	16	25	23	30	36	48	56	72	64	42	43	56
95	82	65	17	80	92	13	18	24	60	36	32	39	49	48
90	83	80	51	25	75	27	20	30	10	16	31	37	81	64
81	64	48	20	16	9	25	12	3	4	8	15	28	78	91
64	82	49	25	7	4	2	6	2	6	14	17	66	55	28
36	30	42	36	3	6	1	3	1	2	8	32	54	23	36
16	20	11	49	15	1				1	36	12	8	71	21
49	25	64	10	4	12				3	11	6	9	10	22
80	36	48	16	21	2				1	3	14	10	14	9
46	64	23	20	8	6	3	1	3	3	5	20	15	15	22
27	24	25	26	9	12	7	4	18	7	27	21	13	22	30
61	33	30	29	14	17	15	15	17	26	28	29	12	37	46
50	36	32	27	24	20	18	20	23	30	35	36	45	54	42
44	39	35	31	34	21	22	28	30	65	44	40	55	43	59
43	40	42	40	35	27	25	42	77	76	78	66	70	64	81
53	45	49	55	59	20	29	28	33	30	91	80	90	74	90

Teaching Notes
Aliens

Answers

- The path for alien A is shaded blue
- The path for alien B is shaded red
- The path for alien C is shaded yellow
- The path for alien D is shaded green

49	73	36	16	25	23	30	36	48	56	72	64	42	43	56
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90	83	80	51	25	75	27	20	30	10	16	31	37	81	64
81	64	48	20	16	9	25	12	3	4	8	15	28	78	91
64	82	49	25	7	4	2	6	2	6	14	17	66	55	28
36	30	42	36	3	6	1	3	1	2	8	32	54	23	36
16	20	11	49	15	1				1	36	12	8	71	21
49	25	64	10	4	12				3	11	6	9	10	22
80	36	48	16	21	2				1	3	14	10	14	9
46	64	23	20	8	6	3	1	3	3	5	20	15	15	22
27	24	25	26	9	12	7	4	18	7	27	21	13	22	30
61	33	30	29	14	17	15	15	17	26	28	29	12	37	46
50	36	32	27	24	20	18	20	23	30	35	36	45	54	42
44	39	35	31	34	21	22	28	30	65	44	40	55	43	59
43	40	42	40	35	27	25	42	77	76	78	66	70	64	81
53	45	49	55	59	20	29	28	33	30	91	80	90	74	90