

Exploring Multiples

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Materials: hundred grids, snap cubes, hundred grids recording sheet

1. Place snap cubes of one color on each multiple of 2 on a hundred grid. Shade in the multiples of 2 on the first hundred grid on the recording sheet.
2. Next, place snap cubes of a different color on each multiple of 3. Shade in the multiples of 3 on the second hundred grid on the recording sheet.
3. Describe any patterns that you notice in the multiples of 2 and 3.
4. Which numbers have two cubes on them? What number do you need to skip-count by in order to place only these cubes on the hundred grid? Explain.
5. Next, place snap cubes of a different color on each multiple of 4 on the hundred grid. Shade in the multiples of 4 on the third grid on the recording sheet. How is the multiples of 4 pattern different from the patterns for multiples of 2 and 3? Explain your thinking.

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