

Exploring Multiples

Materials: hundred chart, transparent counters, recording sheet

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

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

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