G4-N(3-Lesson 25

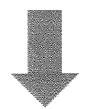
1. Follow the directions.

Shade the number 1.

- a. Circle the first unmarked number.
- b. Cross off every multiple of that number except the one you circled. If it's already crossed off, skip it.
- c. Repeat Steps (a) and (b) until every number is either circled or crossed off.
- d. Shade every crossed out number.

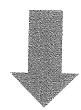
1	(2)	3	A	5	ß	7	188	9	<i>j</i> 6
11	Z	13	1/4	15	1/ 6	17	J É	19	26
21	Þ	23	A	25	%	27	28	29	% 0
31	3 <u>/</u>	33	3/	35	38	37	3/8	39	46
41	9/2	43	1 4	45	1/6	47	48	49	<i>9</i> 6
51	5/2	53	5/	55	5/6	57	58	59	<i>5</i> 6
61	\$ 2	63	64	65	%	67	68	69	16
71	7/	73	7/	75	7/8	77	78	79	86
81	§ 2	83	8/4	85	86	87	88	89	96
91	9/	93	94	95	98	97	98	99	196

I cross off every multiple of 2 except for the number 2.



		7	Т	T	T	7			
1	(2	(3)	31	5	ø	7	186	280	30
11	1/2	13	1,9	18		17	1,8	19	2,6
<i>]</i> 1	Zþ.	23	ZA	25	2/6	2/1	2/8	29	36
31	37	<i>¥</i> 5	34/	35	36	37	38	3,98	498
41	92	43	4/1	/ 15	46	47	48	49	50
54	5/	(54		58	Ŋ	5,8	59	6ø
61	6/2	98	6/4	65	56	67	68	<i>6</i> 9	76
71	72	73	74/	J5	75/	77	78	79	80
81	82	83	84	85	88	8/1	88	89	96
91	97	98	94/	95	96/	97	98/	99	196

I circle 3 because it is the next number that is not circled or crossed off. I cross off every multiple of 3 except for the number 3. I skip-count by threes to find the multiples.



1	(2)	(3)	À	(5)	7	(7)	j	1	/ /0
(11)	j 2	(13)	у	ø	<i>)</i> /6	(17)	j 6	(19)	<i>7</i> 6
71	þ	(23)	<i>y</i> 4	<i></i>	7 6	7	<i>7</i> 8	(29)	/ 0
(31)	y	75	3,4	ð	3/8	(37)	¾	39	9 6
(41)	/2	(43)	94	/ 5	<i>g</i> 6	(47)	118	9 9	80
51	媑	53)	Á	y 5	56	51	36	(59)	øÓ
61)	þ	<i>5</i> 4	94	5 5	ø6	(67)	B	ø	16
(71)	W	(73)	7/	76	76	7/1	78	(79)	86
84	%	(83)	84	95	86	9/1	88	89	96
91	92	98	9/	95	96	97)	98	99	196

I see that this process helps me to find the numbers from 1 to 100 that are prime and the numbers from 1 to 100 that are composite.

I continue the process, first for the multiples of 5 and then for the multiples of 7.

I circle 11 because 11 is the next number that is not circled or crossed off. I notice that every multiple of 11 is already crossed off.

I don't have to cross off the multiples of 13 because they are crossed off already.

I realize that when I circle any of the other numbers that are not already crossed off their multiples have already been crossed off.

I shade every crossed out number.