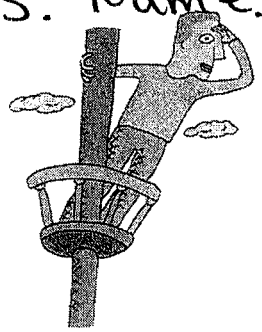
N.3. Name_____ Date_____



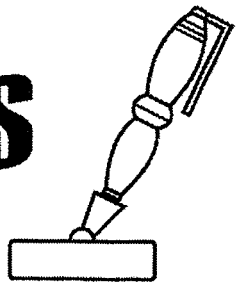
FINDING MULTIPLES

To find the multiples of a number multiply it by other whole numbers.

Fill in the missing **multiples** on this chart

	X1	X2	X3	X4	X5	X6	X7	X8	X9
2	2		6		10				18
3		6						24	
4									
5	5				25				
6									
7						42			
8				32					
9									81

Name the Multiples



Multiples of 2	
Multiples of 3	
Multiples of 4	
Multiples of 5	
Multiples of 6	
Multiples of 7	
Multiples of 8	
Multiples of 9	

(1)

Multiples of 3

Shade in the multiples of three on the 100s chart

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	92	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint: A number is a multiple of three if the sum of its digits is a multiple of three.

Are these numbers a multiple of 3? Show your proof!

Number	Multiple of 3 yes/no	Proof: sum of the digits are a multiple of 3
198		
886		
205		
340		
715		
987		
888		
902		
673		

Name six 4 digit numbers that are multiples of 3

(2)

Multiples of 4

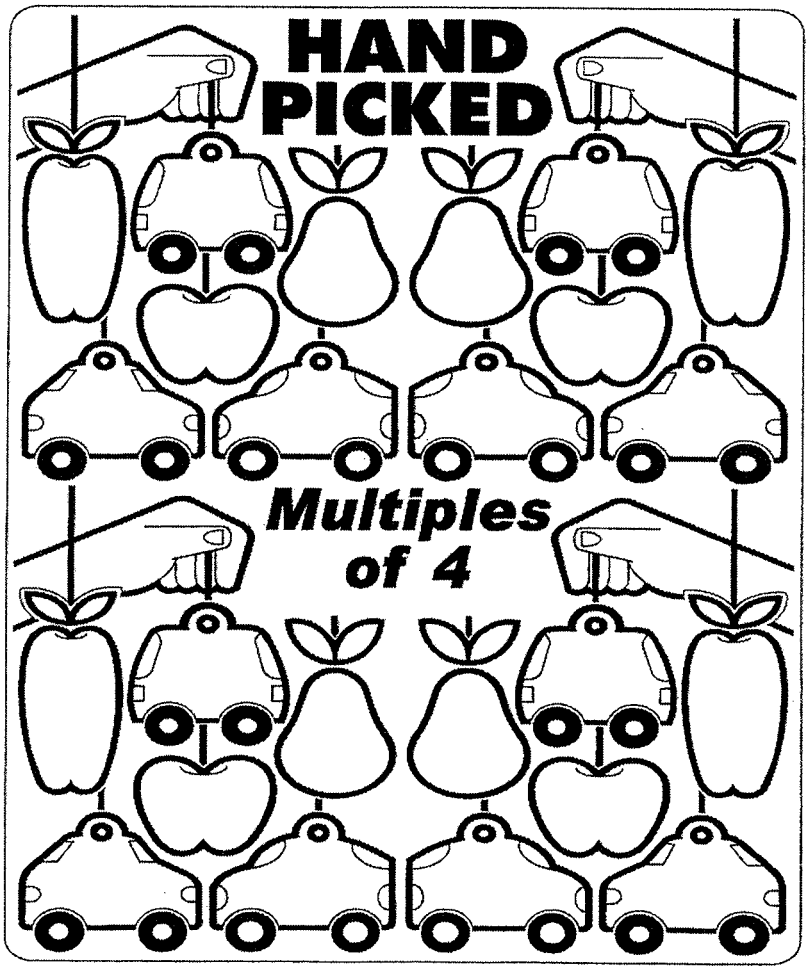
Shade in the multiples of four on the 100s chart

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	92	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint: A number is a multiple of four if the number formed by the last 2 digits is a multiple of 4.

Write 3, 4 or 5 digit numbers on the cars that are multiples of four.30

Write 3, 4 or 5 digit numbers on the fruit that **are not** multiples of 4.



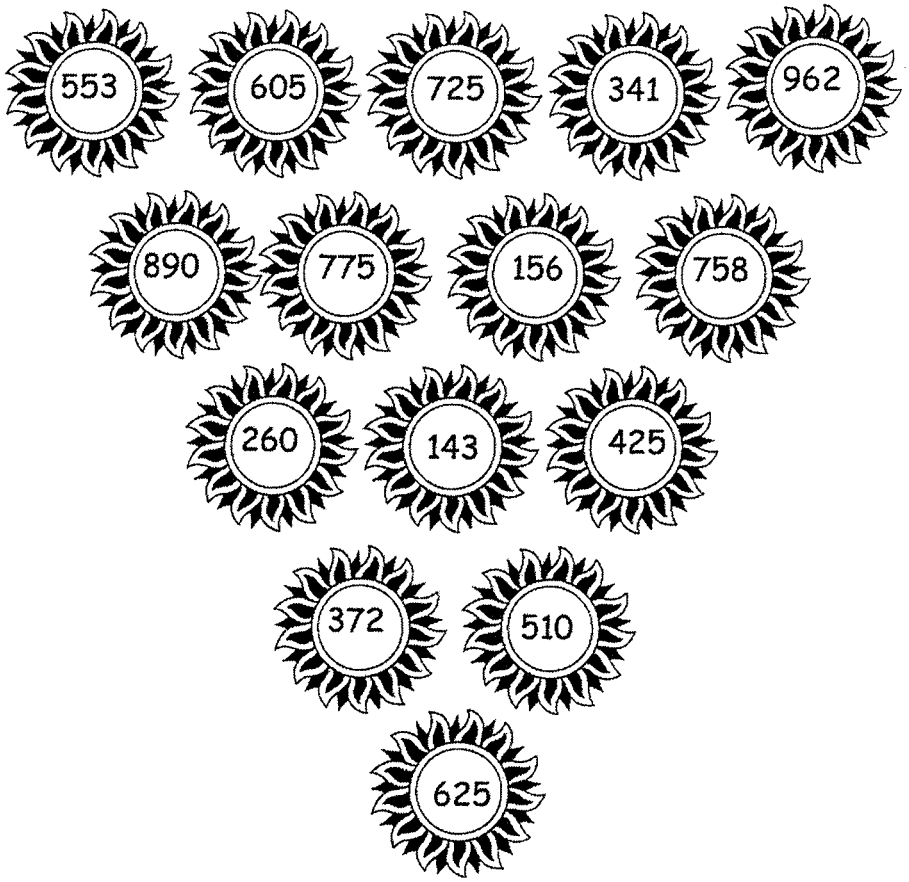
Multiples of 5

Shade in the multiples of five on the 100s chart

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	92	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint: A number is a multiple of five if the last digit is a 5 or a 0.

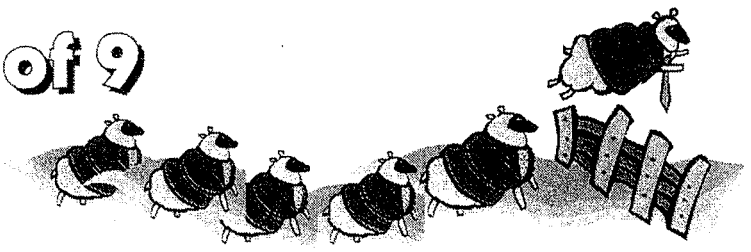
Shade in the multiples of 5.



4

Multiples of 9

Shade in the multiples of nine on the 100s chart



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	92	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint:

A number is a multiple of nine if the sum of its digits is a multiple of nine.

Are these numbers a multiple of 9? Show your proof!

Number	Multiple of 9 yes/no	Proof: sum of the digits are a multiple of 9
486		
416		
324		
981		
522		
560		
833		
621		
702		

Name six 4 digit numbers that are multiples of 9

Multiples of 10

Shade in the multiples of ten on the 100s chart

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	92	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Hint: A number is a multiple of ten if the last digit is a 0.