Challenge 2

1. Highlight the multiples of six up to 100 on this 100 number square.

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

2. Which of these numbers are NOT multiples of six? Circle them.

78, 18, 90, 76, 66, 58, 100, 99, 96

3. Insects have six legs. How many insects are there if I count...

a) 48 legs? _____

b) 84 legs? _____

c) 72 legs? _____

d) 24 legs? _____

e) 54 legs? _____

4. Stefan keeps stick insects as pets. Each carrier is a habitat for six stick insects. How many carriers has...

   a) 10 stick insects? _____

   b) 19 stick insects? _____

   c) 50 stick insects? _____

5. Write your own word problem for this number sequence: 18 ÷ 6 = 3

   _____

   _____

6. Write your own word problem for this number sequence: 54 ÷ 6 = 9

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