Multiples of 6, 7 and 9

I can count in multiples of 6, 7 and 9.

Colour Key

Multiples of 6: ☐

Multiples of 7: ☐

Multiples of 9: ☐

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

Can you spot any patterns in the multiples of 6, 7 and 9? Think about whether the multiples are odd or even, the digit total of the multiples, and the pattern of the ones and tens digits. There might not be a pattern for all the multiples of each number. Are there any tips for remembering the multiples of 6, 7 and 9? Think about links to other times tables.

	Multiples of 6	Multiples of 7	Multiples of 9
Odd or even?			
Digit total(s)			
Patterns			
Links to other times tables			

Multiples of 6, 7 and 9 **Answers**

Question	Answer
	Can you spot any patterns in the multiples of 6, 7 and 9? Think about whether the multiples are odd or even, the digit total of the multiples, and the pattern of the ones and tens digits. There might not be a pattern for all the multiples of each number. Are there any tips for remembering the multiples of 6, 7 and 9? Think about links to other times tables.

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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

	Multiples of 6	Multiples of 7	Multiples of 9
Odd or even?	All even	Alternately odd and even	Alternately odd and even
Digit total(s)	3, 6 or 9		
Patterns			Ones digits decrease, tens digits increase
Links to other times tables	Double the 3s		

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Multiples of 6	Multiples of 7	Multiples of 9

Multiples of 6, 7 and 9 **Answers**

Question	Answer
	Can you spot any patterns in the multiples of 6, 7 and 9? Think about whether the multiples are odd or even, the digit total of the multiples, and the pattern of the ones and tens digits. There might not be a pattern for all the multiples of each number. Are there any tips for remembering the multiples of 6, 7 and 9? Think about links to other times tables.

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81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Multiples of 6	Multiples of 7	Multiples of 9
All even. Digit totals are 3, 6 or 9. Multiples are double the multiples of 3.	Alternately odd and even	Alternately odd and even. Digit total is 9. The ones digits decrease while the tens digits increase.

Multiples of 6, 7 and 9

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1	2	3	4	5	6	7	8	9	10
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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
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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

Look at the multiples of 6. Can you spot any patterns? Are there any ways to easily identify a multiple of 6?

_____

_____

Are there any patterns within the multiples of 7? Is there a way to tell whether a number is a multiple of 7?

_____

_____

Do you notice any patterns within the multiples of 9? Can you form a rule for identifying multiples of 9?

_____

_____

Multiples of 6, 7 and 9 **Answers**

Question	Answer
	Look at the multiples of 6. Can you spot any patterns? Are there any ways to easily identify a multiple of 6?
	All even. Digit totals are 3, 6 or 9. Multiples are double the multiples of 3.
	Are there any patterns within the multiples of 7? Is there a way to tell whether a number is a multiple of 7?
	Alternately odd and even.
	Do you notice any patterns within the multiples of 9? Can you form a rule for identifying multiples of 9?
	Alternately odd and even. Digit total is 9. The ones digits decrease while the tens digits increase.