

Key Learning: To spot patterns in the 2, 5 and 10 multiplication tables

Using the same colour counters show the multiples of five.
Use a different colour to show the multiples of ten.

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

Always, sometimes, never?

Explore the statements in pairs.

Multiples of 5 end in 5.	Multiples of 2 are also multiples of 5.
Multiples of 5 are odd.	Multiples of 10 are also multiples of 5.
Multiples of 10 are even.	Multiples of 2 are also multiples of 10.

Helpful starting point

Use the completed 100 square to help you when exploring each statement.

Challenge

Sort numbers 1-100 into a Venn diagram with three circles each labelled multiples of two, multiples of five and multiples of ten.




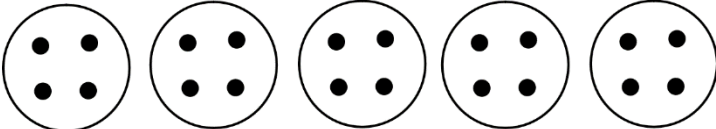
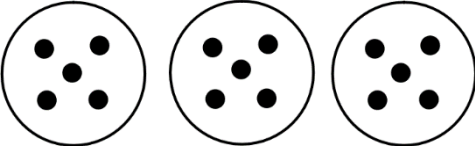
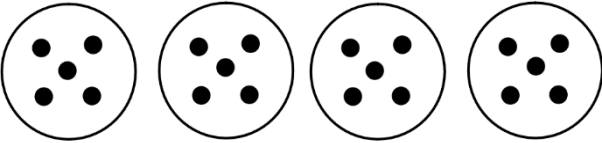

Milena counts up in 5s. Explain and show where Milena has gone wrong.

“5, 10, 15, 30, 35, 40...”

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Card sort

Work in pairs to match the calculation to the images. Can you convince your partner this representation shows... ? Can you explain why these cards match?

3×2	
3×5	
5×4	  

Create your own set of calculations and images to match.