## **Common multiples**

White Rose MATHS

**a)** Write the numbers in the sorting diagram. 3

18

Shade all the multiples of 5 in the hundred square.

Circle all the multiples of 6

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

List the common multiples of 5 and 6 that are less than 100

a) List the first ten multiples of 5 and 10

5, 10, \_\_\_\_\_

10, 20, \_\_\_\_\_

**b)** Circle the common multiples of 5 and 10



- **b)** Write two numbers for which Tiny's method would work to find the first common multiple.
- c) Write two numbers for which Tiny's method would not work to find the first common multiple.









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Does Filip's method always work?

I know 468 ultiple of 3, because um of the digits is i multiple of 3	
I know 468 is a multiple of 4, because when I halve 468, the answer is even.	00,
	Dexter

Use Dora and Dexter's methods to circle the numbers that are

292 300 189

a multiple

84

124

How many more times will they run in the park on the same day





