Summer Week 4 Maths Lesson 2
Can I use a tables fact to find Mully?

Red: Using the hundred square to help you, answer the questions to find Mully.

1) Mully is hiding behind the biggest multiple of 2 without going past 19. 18
2) Mully is hiding behind the biggest multiple of 5 without going past 21. 20
3) Mully is hiding behind the biggest multiple of 5 without going past 39. 35
4) Mully is hiding behind the biggest multiple of 2 without going past 13. 12
5) Mully is hiding behind the biggest multiple of 10 without going past 98. 90

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

6) Mully is hiding behind the biggest multiple of 5 without going past 46. 45
7) Mully is hiding behind the biggest multiple of 3 without going past 16. 15
8) Mully is hiding behind the biggest multiple of 4 without going past 25. 24

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Yellow: Answer the questions to find Mully - you will need to know your 2, 3, 4, 5, 6 and 10 times tables. If you get really stuck, use the hundred square on the Red activity.

1) Mully is hiding behind the biggest multiple of **2** without going past **15**. 14
2) Mully is hiding behind the biggest multiple of **5** without going past **57**. 55
3) Mully is hiding behind the biggest multiple of **4** without going past **34**. 32
4) Mully is hiding behind the biggest multiple of **6** without going past **53**. 48
5) Mully is hiding behind the biggest multiple of **10** without going past **98**. 90
6) Mully is hiding behind the biggest multiple of **3** without going past **34**. 33
7) Mully is hiding behind the biggest multiple of **6** without going past **57**. 54
8) Mully is hiding behind the biggest multiple of **4** without going past **45**. 44

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Green: Answer the questions to find Mully - you will need to know all your times tables.

1) Mully is hiding behind the biggest multiple of **7** without going past **65**. 63

2) Mully is hiding behind the biggest multiple of **8** without going past **58**. 56

3) Mully is hiding behind the biggest multiple of **12** without going past **89**. 84

4) Mully is hiding behind the biggest multiple of **9** without going past **47**. 45

5) Mully is hiding behind the biggest multiple of 7 without going past **38**. 35

6) List the next 5 multiples of **6**.
   96, 102, 108, 114, 120, 126, 132, 138, 144
   What is the biggest multiple of **6** that you get to? 144

7) List the next 4 multiples of **12**.
   60, 72, 84, 96, 108, 120, 132, 144
   What is the biggest multiple of **12** that you get to? 144

8) What do you notice about your answers to question number 9 and 10? All multiples of 12 appear in the 6 times table as multiples of 12 are just double multiples of 6. Both answers for questions 3 and 4 are the same.

9)
   On Monday Mully is hiding behind the biggest multiple of **3** without going past **14**. 12
   On Tuesday he is hiding behind the biggest multiple of **4** without going past **19**. 16
   On which day was he closest to the largest number possible?
   Tuesday.

10) What's the link? Mully is hiding behind the biggest multiple of **2**, without going past **15** = 14. Mully is hiding behind the biggest multiple of **7**, without going past **15** = 14. Can you find another similar pair?

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Examples:

Biggest multiple of 9 without going past 20.

Biggest multiple of 6 without going past 20. = 18

Biggest multiple of 9 without going past 46.

Biggest multiple of 5 without going past 46. = 45

Biggest multiple of 7 without going past 43.

Biggest multiple of 6 without going past 43. = 42