

<u>Times table order</u>	<u>Minutes</u>	<u>Divisibility rule</u> https://www.mathsisfun.com/divisibility-rules.html
10	5	The last digit is 0.
5	5	The last digit is 0 or 5.
2	5	The last digit is even (0,2,4,6,8)
2,5,10 (by end of y2)	5	
4	5	The last 2 digits are divisible by 4. A quick check (useful for small numbers) is to halve the number twice and the result is still a whole number.
8	4	The last three digits are divisible by 8. A quick check is to halve the number three times and the result is still a whole number.
4,8	5	
3	5	The sum of the digits is divisible by 3.
6	4	Is even and is divisible by 3 (it passes both the 2 rule and 3 rule above).
3,6 (by end of y3)	5	
9	4	The sum of the digits is divisible by 9. (Note: This rule can be repeated when needed)
7	4	Double the last digit and subtract it from a number made by the other digits. The result must be divisible by 7. (We can apply this rule to that answer again) eg. 672 (Double 2 is 4, $67-4=63$, and $63\div 7=9$)
7,9	5	
11	4	Add and subtract digits in an alternating pattern (add digit, subtract next digit, add next digit, etc). Then check if that answer is divisible by 11. eg. 1364 ($+1-3+6-4 = 0$) Yes eg . 913 ($+9-1+3 = 11$) Yes
12	4	The number is divisible by both 3 and 4 (it passes both the 3 rule and 4 rule above).
Bronze (by end of y4)	3	
Silver		(3 secs per question given orally)
Gold	5	