Marching Band

When the band lines up in ...

- · 2s, there is one left over -> must be an odd number
- · 3s, there is two left over
- · 4s, there is three left over
- · 5s, there is four left over -> must end in a __9
- · 6s, there is five left over
- · 7s, there is no one left over -> must be a multiple of 7 How many students could be in the marching band?

multiples of 7:

7, 14, 21, 28, 35, 42, 49, 56, 63, 70, 77, 84.

91, 98, 105, 112, 119, 126, 133, 140

1/ec.1 X
3/49 + should have 3/119 4/119 6/11951

a remainder

of 2 The answer is: 119

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