

## Problem Solving and Reasoning



Mo and Jack are working out  $11 + 7$

Mo says,



11, 12, 13, 14, 15, 16, 17

Jack says,



12, 13, 14, 15, 16, 17, 18

Use a number line to show who is correct

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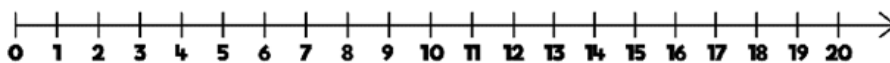
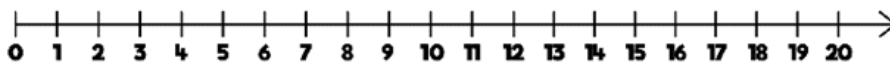
Ron starts at 9 and adds on 5

Alex starts at 5 and adds on 9

Show their calculations on the number lines.

What do you notice? Does this always happen?

Which method do you like best? Why?



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