

Solutions

2.1 $1+2+3+4+5=15$.

2.2 Multiply 18 by the common ratio 3.

2.3 Add the previous two: $5+8=13$.

3.1 False. The squares 1,4,9,16 increase but have differences 3,5,7. Increasing does not imply arithmetic.

Local review guidance: show the chosen method; give the checked result; explain the condition or failed shortcut. This is authored classroom guidance.