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| **Using with Arithmetic Sequences** | | | |
| **(a)** | **(b)** | **(c)** | **(d)** |
| Find and for the sequence | Find and for the sequence | Given that and , write down the first 5 terms of the sequence | Given that and  , write down the first 5 terms of the sequence |
| **(e)** | **(f)** | **(g)** | **(h)** |
| Given that the first term is and the common difference is , find the 21st term. | Find the value of the 17th term | Find the value of | Given that the first term is and the common difference is , find |
| **(i)** | **(j)** | **(k)** | **(l)** |
| The first term of an arithmetic sequence is and the 11th term is . Find the common difference. | In an arithmetic series and . Find the first term and common difference. | The 2nd term of an arithmetic sequence is and the 9th term is . Find | In an arithmetic series and . Find |
| **(m)** | **(n)** | **(o)** | **(p)** |
| Given that and , find the values of and . | The first term of a sequence is twice the common difference. Given that the 21st term is , find the value of and . | The first term of an arithmetic sequence is three more than the common difference. Given that , find | Write an expression in terms of and for the sum of the first ten terms of an arithmetic sequence. |