

**Link to Solutions:** <https://youtu.be/tZ6rFuU3qK0>

*(2 marks)*

(b) Show that the sum of the first  $n$  multiples of 7 is  $\frac{7n}{2}(n + 1)$  (3 marks)

www.formular1maths.com    www.formular1maths.com    www.formular1maths.com    www.formular1maths.com

2

© [www.formular1maths.com](http://www.formular1maths.com)

© www.journal1maths.com  
Link to Solutions: <https://youtu.be/tZ6rFuU3qK0>

(a) Find the value of  $\mathbf{a}$  and the value of  $\mathbf{d}$ . (3 marks)

(b) The  $n$ th term is  $-79$ . Find the value of  $n$  (3 marks)

© [www.formular1maths.com](http://www.formular1maths.com)

Link to Solutions: <https://youtu.be/tZ6rFuU3qK0> (3 marks)

*(3 marks)*

[www.formular1maths.com](http://www.formular1maths.com)

[www.formular1maths.com](http://www.formular1maths.com)

www.formular1maths.com

[www.formular1maths.com](http://www.formular1maths.com)

[www.formular1maths.com](http://www.formular1maths.com)

Formular1Maths