

**Dr Oliver Mathematics**  
**Worked Examples**  
**A Function 1**

**From:** AQA Further Mathematics Level 2 (Non-Calculator)

1.

(6)

$$f(x) = \frac{x - 3}{2x}.$$

Solve

$$f(x + 1) - f(2x) = 0.5.$$

You **must** show your working.