

Exercise 1

Calc. : ✓

Consider the function $f(x) = x^3 - 4x^2 + x + 2$.

- | | |
|--|---------|
| 1. Determine the coordinates of the turning points of $f(x)$, giving your answer to 2 decimal places. | 4 marks |
| 2. Draw a table of signs. | 2 marks |
| 3. Use the table of signs to determine the nature of the turning points. | 2 marks |