

Exercise 1

Calc. : ✖

Consider the function $f(x) = x^2 - 2x - 8$ and its graph F.

1. Find the coordinates of the turning point of F.

2 marks

2. Write the equation of the tangent to F at $x = 2$.

4 marks

3. Find the coordinates of the intersection point of F with the line $y = -x - 2$.

4 marks