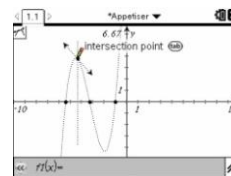


Getting started

Short - paper – version



Helpful hints to solve the given task:

Three intersection points with the horizontal axis of a rational function of degree 3 are given.

Construct the tangent at the midpoint of two zeros of the function f . What do you notice?

You want....	Application	How to do it with TI-Nspire™
To draw a point on a line	Graphs & Geometry	[], 6: Points & Lines, 2: Point on] Point on object
To construct a midpoint	Graphs & Geometry	[], 9: Constructions, 5: Mid Point]
To draw a perpendicular line	Graphs & Geometry	[], 9: Constructions, 1: Perpendicular]
To construct the intersection point	Graphs & Geometry	[], 6: Points & Lines, 3: Intersection Point(s)], click on intersecting objects . Point , Intersection Points
To move a point	Graphs & Geometry	[], 1: Pointer], go to point with pointer and press for one second
To cancel last step	Graphs & Geometry	[]
To show the coordinates of a point	Graphs & Geometry	[], 1: actions, 7: coordinates & equations], go to point with pointer and press it .
To enter a text box	Graphs & Geometry	[], 1: actions, 6 text], place the textbox with the pointer .
to calculate a term (here: the textbox)	Graphs & Geometry	[], 1: actions, 8 calculate], click on the term which should be calculated.