**Test**

| Nom et prénom : |
| :--- |
| ................................................. |

Illustration of `amc2moodle` capabilities. All these questions can be converted *automatically* to `moodle` with the same layout.

## MULTIPLE CHOICE TESTS USING AMC LATEX FORMAT

**Question 1**
What is $8 + 5$?

| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |

**Question 2**
What is the first derivative of $f = \sin(7x)$?

$7\cos(7x) + 7$

$49\cos(7x)$

$\cos(7x)$

$7\cos(7x)$

***Explication :*** Use the chain rule: $f(x) = g(h(x))$, where $h(x) = 7x$ and $g(y) = \sin(y)$.