



Test

Nom et prénom :

.....

AN AMC QUIZ GENERATED FROM MOODLE XML QUESTIONS
EXPORT

Question 1 Find x such $2x - 300 = 0$? Here x is an integer, test for **exact** match, only.

<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9

Question 2 Give an approximated value for π up to 3 digits?

<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
.									
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9

Question 3 Let $z = 3 + 2i$. What is the imaginary part ?

<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------	----------------------------

Question 4 Give an approximated value for $\sqrt{2}$ up to 3 digits ?

<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
.									
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9
<input type="checkbox"/> 0	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6	<input type="checkbox"/> 7	<input type="checkbox"/> 8	<input type="checkbox"/> 9

Question 5 Explain in few words the aim of this course.

☐OK ☐F

.....
.....
.....



Question 6 a link here and an image and an equation $\int_{2\pi} x^2 dx$

centered text

flush left text

flush right text



In moodle editor, there is also ^{exponent} and ^{indice} and ~~that~~ and svg file

- ☐ This is one *italic* wrong answer.
- ☐ This a wrong **strong** answer.
- ☐ This a wrong emphasis answer.
- ☐ This a wrong **bold** answer.
- ☐ This is the good underlined answer.

Question 7 Test html table conversion to tex

	weight	width	length
sys1	1 kg	0.35 m	1 m
sys2	2 kg	-	1.5 m

table legend

- ☐ an other table, more simple

Firstname	Lastname	Age
Jill	Smith	50
Eve	Jackson	94

- ☐ wrong answer
- ☐ the good answer is obviously a weird table

stuff1	stuff2
x^2	bold text

Question 8 Provide a **description** of a problem that can be common to several questions. It is useful to define notation, pictures, equations $\int_0^1 x dx = 0...$

Question 9 Quelle est l'aire d'un rectangle de longueur 2.9 et de largeur 9.6 ? Formula in the text 27.84. It is also possible to use float 3.451. Accolade should not be used for number 5.5

- ☐ 12.5
- ☐ 27.84



Question 10 Moodle and **fp** latex package syntax is not always equivalent. Here some test for pathological cases. Let 8.4 and 6.0 some real number.

- argument of 'pow' function are in a different order "pow(8.4,2)" = 70.55999999999999261
- the 'sqrt' function doesn't exist, need 'root(nth, x)' in fp, "sqrt((8.4-6.0)*(8.4+6.0))" = 5.878775382679627359
- 'pi' is a function in moodle, "sin(1.5*pi())" = -1
- test with '- unary' expression "-8.4+(-6.0+2)" = -12.4
- test min-max "max(8.4,6.0)" = 8.4
- test nested "log(log(6.0+8.4)/log(6.0+8.4))" = 0

test formatting on variable **8.4**

- ☐ 1
- ☐ 1
- ☐ 8.4