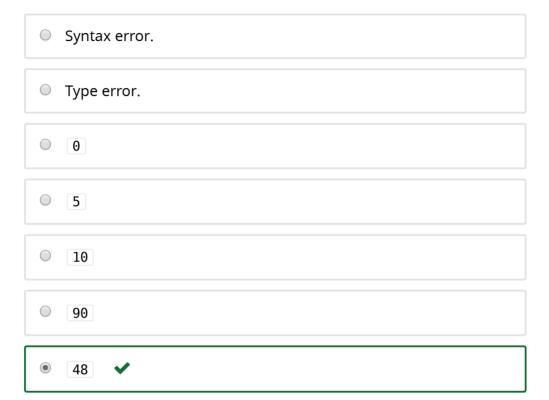
and overview	SIMPLE INTEGER EXPRESSIONS (3/3 points)  What is the result of compiling and evaluating 1 + 2 * 3 - 4?
<ul> <li>▼ Basic types, definitions and functions</li> </ul>	O Syntax error.
Table of Contents	O Type error.
Basic Data Types Week 1 Echéance le déc 12, 2016 at 23:30	O -3
More Data Types Week 1 Echéance le déc 12, 2016 at 23:30 UTC	O -1
	■ 3       ✓
Expressions Week 1 Echéance le déc 12, 2016 at 23:30 UTC	0 5
Definitions Week 1 Echéance le déc 12, 2016 at 23:30 UTC  Functions Week 1 Echéance le déc 12, 2016 at 23:30 UTC  Recursion	
	As most programming languages, OCaml follows the <b>usual priority rules</b> in arithmetic expressions. This expression is read as:
	1 + (2 * 3) - 4.
	What is the result of compiling and evaluating $\boxed{10 / 3 * 3}$ ?
Week 1 Echéance le déc 12, 2016 at 23:30 UTC	O Syntax error.
Basic data     structures	O Type error.
	0 1
<ul><li>More advanced data structures</li></ul>	0 1.111111
<ul><li>Higher order functions</li></ul>	
	0 10

- Exceptions, input/output and imperative constructs
- Modules and data abstraction
- The // and \* operators are **left associative**. It means that this expression is read as: (10 / 3) \* 3.
- The / operator is the **integer division**.

What is the result of compiling and evaluating  $42 + 73 \mod 5 * 2$ ?



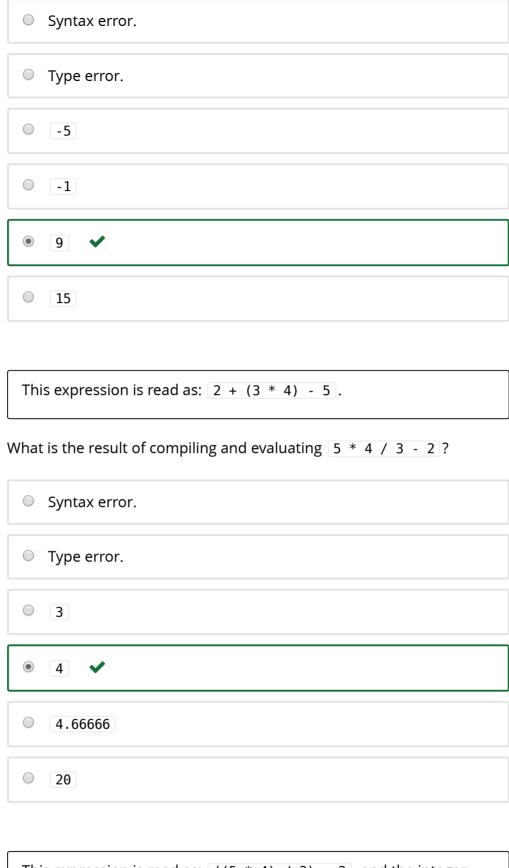
The [mod] operator computes the **rest of the integer division**. It is one of the rare infix operators composed only of alpha-numerical characters. It has a higher priority than other arithmetic operators, and this expression is read as:  $[42 + (73 \mod 5) * 2)$ .

Vous avez utilisé 1 essais sur 3

## SIMPLE INTEGER EXPRESSIONS (BIS) (3/3 points)

**Warning:** you only have 1 attempt (but anyway the result will not count in the final grading).

What is the result of compiling and evaluating [2 + 3 \* 4 - 5]?



This expression is read as: ((5 \* 4) / 3) - 2, and the integer division of (20) by (3) is (6).

What is the result of compiling and evaluating  $11 / 4 * 4 + 11 \mod 4$ ?





- Type error.
- $\bigcirc$ 3
- 3.6875
- 11
- 14

This expression is read as: ((11 / 4) \* 4) + (11 mod 4), which is equal to (2 \* 4) + 3.

Vous avez utilisé 1 essais sur 1

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