Value of the following scheme expressions?

(+ 3 5)
7
(7)
- (= 2 3)
(> 4 5)

Value of the following scheme expressions?

(7 – 4)
(* (+3 5) (-5 2))
(= #t #f)

Value of the following scheme expressions?

(define wouldyouaddthesetwonumbersplease +)
(define one 1)
(define two (+ one one))
(wouldyouaddthesetwonumbersplease one two)

Translate to Scheme

5+1
2*(4+1)
3*4+2*7

Write an expression that evaluates to 3.
Write a more interesting expression.

Value of the following scheme expressions?

(and true true)
(not true)
(or false true)
### Definition of XOR

Expression for xor of \( a \) & \( b \)

<table>
<thead>
<tr>
<th>Input</th>
<th>Output</th>
</tr>
</thead>
<tbody>
<tr>
<td>true true</td>
<td>false</td>
</tr>
<tr>
<td>true false</td>
<td>true</td>
</tr>
<tr>
<td>false true</td>
<td>true</td>
</tr>
<tr>
<td>false false</td>
<td>false</td>
</tr>
</tbody>
</table>

### Water computer

[http://web.media.mit.edu/~paulo/courses/howmake/mlfabfinalproject.htm](http://web.media.mit.edu/~paulo/courses/howmake/mlfabfinalproject.htm)

### Halton sequences