

Which of the following are valid statements based on the example BNF specification fo programming language?
<pre><statements> ::= <assign>   <assign> <statements></statements></assign></assign></statements></pre>
<pre><assign> ::= <variable> = <expr>;</expr></variable></assign></pre>
<pre><expr> ::= <variable></variable></expr></pre>
<variable> <operator><variable></variable></operator></variable>
( <expr> ) <operator> ( <expr> )</expr></operator></expr>
<pre><variable> ::= <char>   <char> &lt; variable&gt;</char></char></variable></pre>
<pre><char> ::= a   b   c     z   0   1     9</char></pre>
<pre><operator> ::= +   -   *   /   %   &lt;   &gt;   ==   ≤   ≥</operator></pre>
a. $x = 3$ ; b. $a = 4$ ; $\langle assign \rangle \langle statements \rangle$ could be written as $(b \% 4)^{*}(b)$
b. $a = 4$ ; $\angle assign > 2 statements$
$b=3;$ $\langle assign \rangle \langle assign \rangle$
b. $a = 4$ ; $\angle assign > \angle statements > could be written as ((b %4))(b) b = 3; \angle assign > \angle ass$
d. s = s1 + s2; L(a)(b) = (c3 - d4); L(b)(c)(c)(c)(a)(b)(c)(c)(c)(a)(b)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)(c)
Loperators (variable)
(d)(d) = (C3 - U4);
f. $x = y + 4$

