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Give Help vitorpbarbosa7



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uestions															
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eading a G	ramm	ar 1													
points (graded)															
nsider this gran	nmar:														
S ::= (B C)* S ::= M+ P C ::= B E+															
nat are the nont	erminals	in this gra	ammar? (N	ote that o	apitalizati	on and qu	oting wor	n't give yo	u a clue he	ere, so go l	by the stru	icture of tl	he gramm	ar alone.)	
✓ B															
✓ C															
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_+	
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Which productions are recursive?	
□ s	
✓ B	
С	
✓	
Submit	3 Show Answer
✓ Correct (3/3 points)	
Reading a Grammar 2	
1/1 point (graded)	
Which strings match the root nonterminal of this grammar?	
root ::= 'a'+ 'b'* 'c'?	
aabcc	
bbbc	
✓ aaaaaaaa	
✓ abc	
abab	
✓ aac	
✓	
Explanation	
This grammar matches 1 or more a, followed by 0 or more b, followed by 0 or 1 c. Of the choices above, only the marked ones follow this pattern.	
Submit	Show Answer
Answers are displayed within the problem	
Reading a Grammar 3	
1/1 point (graded)	
Which strings match the root nonterminal of this grammar?	
root ::= (A B)+ A ::= [Aa] B ::= [Bb]	
аааВВВ	
✓ abababab	
✓ aBAbabAB	

Abababa	
•	
Explanation aBAbabAB is a match, because (A B)+ does not mean that the same character sequence has to occur one or more times, only that the subpattern (a one or more times. Each occurrence of (A B) matches independently. AbAbABA is missing its final match to B	A B) must match
Submit	Show Answer
Answers are displayed within the problem	
Reading a Grammar 4	
1 point possible (graded)	
Which strings match the root nonterminal of this grammar?	
<pre>root ::= integer ('-' integer)+ integer ::= [0-9]+</pre>	
617	
617-253	
617-253-1000	
integer-integer	
55	
3-6-293-1	
Submit	
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