Name _____

Grammar Rules – Part 1

Given the following grammar, use either the top-down or the bottom-up method to determine if each sentence agrees with the grammar. If it does not agree, write *SYNTAX ERROR.*

<u>Grammar Rules</u>

<sentence>	::=	<subject><predicate>
<subject>	::=	<article><noun> | <noun>
<predicate>	::=	<verb><object>
<object>	::=	<subject>
<article>	::=	the | a
<noun>	::=	flower | dog | boy | girl | spaceship
<verb>	::=	runs | washes | kisses | laughs | flies

1. a girl kisses a spaceship

2. runs dog the flower

3. flower flies a flower

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4. the dog flies the spaceship

5. washes at the dog

6. boy skates