

Name _____

Patterning Practice

Directions: Fill in the missing information from each table.

Stage	Body + Tail	Total # of Blocks
1	$5 + 1$	6
2	$5 + 2$	
4	$5 + 4$	
6		11
		13
	$5 + 65$	
100		

Read through the information in the table below.

S	$7 + S$	T
1	$7 + 1$	8
2	$7 + 2$	9
3	$7 + 3$	10
4	$7 + 4$	11
5	$7 + 5$	12
6	$7 + 6$	13
7	$7 + 7$	14

Using complete sentences, explain what the pattern for this creature is.

Stage	Constant + Variable	Total # of Blocks
2		10
	$8 + 6$	
10		18
25		
		52
73		
100		

Tell how many blocks you will need to complete the 100th stage. Explain how you know.

Stage	Constant + Variable	Total # of Blocks
		15
3		17
10		
24		
		63
74		88
101		