



Name 2.	Complete the input and output numbers for the rule machine. Write a number sentence for each row of input-output numbers.							
	Rule: Add 6							
	Input	Out	out	Nu	mber Sentence	i		
	5					1		
	7]		
		17	7					
	9							
		20)					
	30							
3.	What is the	What is the rule for the rule machine below?						
	Rule:					Copyright @ Kendall Hunt Publishing Company		
	Input		Output			(endall H		
	5		10			unt Publ		
	7	7 9		12		ishing C		
	9			14		ompany		
	11			16				
4.	In the last r output num				te another input and			



Student Activity Book

Input-Output Numbers (SAB pp. 795–796) Questions 1–4

 Josh. Responses may vary. A possible response is: I agree with Josh because I tested Rosa's rule and it only worked for the first row of numbers. It didn't work for any of the other input numbers. For example, if you double 6, the output would be 12, not 10. Miguel's rule doesn't work because he used the rule on the output numbers instead of the input numbers.

2.	Rule: Add 6							
	Input	Output	Number Sentence					
	5	11	5 + 6 = 11					
	7	13	7 + 6 = 13					
	11	17	11 + 6 = 17					
	9	15	9 + 6 = 15					
	14	20	14 + 6 = 20					
	30	36	30 + 6 = 36					

3. Add 5

4. Responses will vary. Possible response is indicated in the last row of the data table.

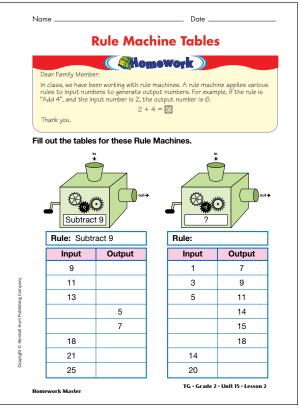
Rule: Add 5				
Input	Output			
5	10			
7	12			
9	14			
11	16			
30	35			

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Teacher Guide

Rule Machine Tables (TG)

Rule: Sub	otract 9	Rule: Add 6		
Input	Output		Input	Output
9	0		1	7
11	2		3	9
13	4		5	11
14	5		8	14
16	7		9	15
18	9		12	18
21	12		14	20
25	16		20	26



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