

## 6th Functions & Relations

Use multiples, factors, squares, **F&R-1**  
or powers of ten.

What are the next 7 terms in this pattern.?

$\frac{\square}{\square}$ ,  $\square$   $\square$   $\square$   $\square$   
 $\square$   $\square$   $\square$

Use multiples, factors, squares, **F&R-1**  
or powers of ten.

Complete the function machines.

in	out
	a

in	out
b	

Use multiples, factors, squares, **F&R-1**  
or powers of ten. (Label and title)

Complete the table

Title: \_\_\_\_\_

	<b>a</b>		<b>c</b>	<b>d</b>		<b>f</b>	
		<b>b</b>			<b>e</b>		<b>g</b>

Use mult. or division patterns **F&R-3**  
**Determine the pattern for each machine and find the missing values.**

in	out
	a

in	out
b	

**F&R-2**

What is the rule for this pattern?

—, —, —, —, —, —, —,

**F&R-4**

Extend this pattern.  
You may use a calculator.

19, 38, 57, —, —, —, —,

Place multiples, factors, squares, **F&R-2**  
or powers of ten in the lower level.  
Title and label

What is the rule for this table?

Title: \_\_\_\_\_

	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>

100, 83, 66, —, —, —, —,

Variable = Numeral  $\square$  Variable

For each equation insert two **F&R-5**  
digits and one **letter** for an unknown.

Solve for the unknown .

$\underline{\quad} + \underline{\quad} = \underline{\quad}$   
 $\underline{\quad} - \underline{\quad} = \underline{\quad}$   
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$   
 $\underline{\quad} \div \underline{\quad} = \underline{\quad}$

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**F&R-2**

What do you do with “a”  
to get “b”?  $b = \underline{\hspace{2cm}}$   
Write an equation for the rule.

a	b

a	b