JENGA - Finals Review

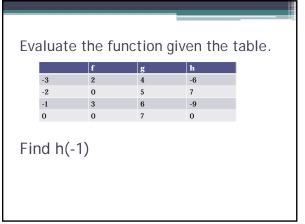
If 
$$g(x) = |3x - 2|$$
, find  $g(-2)$ 

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, find  $g(-2)$   
 $g(-2) = |3(-2) - 2|$   
 $|-b-2|$   
 $|-8|$   
 $g(-2) = 8$ 

Given the output, find the input.  

$$f(x) = -12x + 4$$
,  $f(x) = 52$ 

Given the output, find the input. f(x) = -12x + 4, f(x) = 52 52 = -12x + 4 -4 = -12x -12 = -12x -12 = -12x -4 = 12x



Evaluate the function given the table.

	f	g	h
-3	2	4	-6
-2	0	5	7
-1	3	6	-9
0	0	7	0

Find h(-1) = 9

Evaluate the function given the table.

	f	g	h
-3	2	4	-6
-2	0	5	7
-1	3	6	-9
0	0	7	0

If 
$$g(x) = 5$$
, then  $x = _____$ 

Evaluate the function given the table.

	f	g	h
-3	2	4	-6
-2	0	5	7
-1	3	6	-9
0	0	7	0

If 
$$g(x) = 5$$
, then  $x = -2$ 

Write as a verbal expression. One less than triple the input.

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Write as a verbal expression. The output is six more than three times the input. Write as a verbal expression. The output is six more than three times the input.

Find the slope between the points. (-5, 4) and (-5, 6)

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and (-5, 6)
$$-\frac{6-4}{5--5} = \frac{2}{0} =$$
undef

Find the slope between the points. (-10, 2) and (-3, -5)

Find the slope between the points. (-10, 2) and (-3, -5)

$$\begin{array}{cccc} -5 - 2 & -7 & -7 & -1 \\ -3 - 10 & 7 & = -1 \end{array}$$

Simplify the expression:  $10 \div 2 \times 7 - 3$ 

Simplify the expression:  $10 \div 2 \times 7 - 3$   $5 \times 7 - 3$ 

$$10 \div 2 \times 7 - 3$$

Distribute and combine like terms: -3(x-5)+6x-2

Distribute and combine like terms:

$$-3(x-5) + 6x - 2$$

$$-3x+15+6x-2$$

Solve for x:

$$\frac{x}{2} = 5$$

Solve for x:

$$2 \cdot \frac{x}{2} = 5 \cdot 2$$

$$X=10$$