

6th Grade Homework

Date: Friday April 9th, 2021

6A: None Alex

6B: Zack, Timmy

6C: None

SOCIAL STUDIES:

SCIENCE:

Ch. 3 Test

MATH:

Everybody Knows
w/ Function Tables

NO HW

IXL: y. 1-7 due Monday

ELA:

Read 20 min

ELA practice test

OTHER:

Lesson 1 Skills Practice

Function Tables

Complete each function table.

1.

Input (x)	$x + 3$	Output (y)
0		
2		
4		

2.

Input (x)	$3x + 1$	Output (y)
0		
1		
2		

3.

Input (x)	$2x - 1$	Output (y)
7		
5		
4		

4.

Input (x)	$x \div 3$	Output (y)
12		
9		
6		

5. If a function rule is $2x - 3$, what is the output for the input 3?

6. If a function rule is $4 - x$, what is the output for the input 2?

Find the input for each function table.

7.

Input (x)	$x - 3$	Output (y)
		7
		4
		1

8.

Input (x)	$x + 9$	Output (y)
		12
		15
		17

9.

Input (x)	$5x$	Output (y)
		0
		10
		15

10.

Input (x)	$x \div 2$	Output (y)
		2
		3
		6

11.

Input (x)	$2x + 2$	Output (y)
		4
		6
		8

12.

Input (x)	$3x - 1$	Output (y)
		14
		8
		5

Lesson 1 Problem-Solving Practice

Function Tables

<p>1. DRAGONS The Luck Dragons that live in the Enchanted Forest weigh $4x$ pounds when they are x years old. Make a table of values to show the weights of 6-year-old, 8-year-old, and 10-year-old Luck Dragons.</p>	<p>2. ROLLER COASTER Twelve people are able to ride the Serpent of Fire roller coaster at one time. The rule $12x$ is the total number of people that ride after x rides. Make a table of values to show the total number of people that have been on the roller coaster after 1, 2, 3, and 4 rides.</p>
<p>3. MOVIES At a local movie theater, it costs each student \$5 to see a movie. The rule $5x$ represents the total amount of money the theater collects from x students. Make a table of values to show the total amount of money the theater collects from 2, 5, and 6 students.</p>	<p>4. RABBITS The Friendly Critters Pet Store keeps 3 rabbits in each cage. The rule $3x$ represents the number of rabbits that x cages can hold. Make a table of values to show how many cages it takes to hold 9, 15, and 18 rabbits.</p>
<p>5. BEADS A bead shop sells glass beads for \$7 each minus a \$2 discount. The rule $7x - 2$, where x is the number of glass beads, can be used to find the total cost of x beads. Make a table of values to show how much it costs to buy 5, 6, and 9 glass beads.</p>	<p>6. Use the rule given in Exercise 5 to find the selling price of 15 glass beads.</p>