

HOLIDAY ASSIGNMENTS

PROJECT

Sub: Mathematics

Grade: 8

TITLE

_ Heavy family (Our Solar System)

OBJECTIVE

To express large numbers in exponential form

MATERIAL REQUIRED

Paper, pen, pictures from the Internet

PREREQUISITE KNOWLEDGE

Knowledge of Exponents , downloading pictures from the Internet

PROCEDURE

For this activity we will have to gather some information from the internet.

- 1) Download picture of our solar system**
- 2) Find how many planets are there in all?**
- 3) What is at the centre of our solar system?**
- 4) Do all the plane revolve around sun or earth?**

Solving Equations Code breaker

A	B	C	D	E	F	G	H	I	J	K	L	M
3	-2	5	8	4	-5	1	2.5	-3	10	28	18	-4

N	O	P	Q	R	S	T	U	V	W	X	Y	Z
24	15	-1	11	1.5	-1.5	0.5	9	6	12	-6	2	7

Solve the equations, link your answers to the table above and unscramble the letters to create a sentence:

Word 1			
$3x - 1 = x + 2$	$5x + 5 = 125$	$5x + 6 = 4x + 4$	$7(x - 4) = 35$

Word 2				
$5x = 3x + 8$	$6x - 1 = 3x + 8$	$3x + 1 = x + 2$	$x + 5 = 5x - 1$	$x - 2 = 3x + 8$

Word 3

$2(x - 1) = x + 2$	$7 - x = 3x - 5$	$4(7 - 2x) = 16$	$5x + 1 = 2x - 8$	$8x - 1 = 2x + 5$	$100 - 3x = 28$	$3(x - 2) = 6(x - 5)$

Answer:

