

Why did the parabolic plants die?

Directions: Complete each factoring problem below. Find your answer in the Answer Key and record the corresponding letter in the blanks below to answer the riddle!

Riddle Response:

 14 17 4 18 11 16 8 10 2 20 9 19 6 13 3 15 5 7 21 12 1

i.

	$7x$	1
$3x$	① _____	$3x$
4	② _____	4

ii.

	③ _____	4
x	$5x^2$	$4x$
-2	$-10x$	-8

iii.

	$2x$	④ _____
x	$2x^2$	$-3x$
⑤ _____	$-12x$	8

iv.

	⑥ _____	1
⑦ _____	$4x^2$	$1x$
1	$4x$	1

v.

	⑧ _____	2
$-4x$	$8x^2$	⑨ _____
3	$-6x$	⑩ _____

vi.

	⑪ _____	⑫ _____
$6x$	$-6x^2$	$30x$
⑬ _____	$5x$	-25

vii.

	⑭ _____	-1
⑮ _____	$24x^2$	$-8x$
⑯ _____	$-6x$	⑰ _____

viii.

	⑱ _____	⑲ _____
⑳ _____	$12x^2$	$8x$
㉑ _____	$18x$	12

Answer Key:

1	S	5	A	2x	Y	6x	H
-1	M	-5	D	-2x	D	-6x	L
2	H	6	N	3x	I	8x	T
-2	Y	-6	E	-3x	U	-8x	A
3	V	8	M	4x	O	28x	T
-3	R	-8	R	-4x	I	28x ²	D
4	O	x	E	5x	N	10x ²	E
-4	L	-x	T	-5x	K	21x ²	S