What Did People Say After Two Satellite Dishes Got Married?

Simplify the expression. Write the exercise letter in the box containing the number of the answer. Partner A should do the top half and Partner B the bottom half.

A 8^3 **B** 8^{-3} **E** $(-8)^3$ **L** $(-8)^{-3}$ **I** $(-25)^2$

T $(-25)^{-2}$ **E** -25^{-2} **D** $(-44)^0$ **T** 3^{-4} **N** -3^{-4}

U $5ab^{-3}$ **W** $\dfrac{5^3 a^{-3}}{b}$ **D** $\dfrac{5^{-3}a}{b^{-3}}$ **H** $2^4 a^0 b^{-8}$ **S** $\dfrac{2^{-4}}{a^{-1}b^8}$

W $\dfrac{7^{-1}k^5}{n^2}$ **L** $\dfrac{7^{-2}k^{-5}}{n^{-2}}$ **G** $\dfrac{7^{-3}n^{-2}}{k^0}$ **D** $\dfrac{(-7)^{-2}}{2kn^{-2}}$ **U** $\dfrac{-7^{-2}n^2}{2k^{-5}}$

9 625	**10** $-\dfrac{1}{81}$	**19** $-\dfrac{1}{512}$	**22** $\dfrac{1}{512}$
17 1	**14** 512	**6** $-\dfrac{1}{625}$	**16** -81
12 -625	**1** $\dfrac{1}{81}$	**3** -512	**24** $\dfrac{1}{625}$

11 $\dfrac{1}{343n^2}$	**15** $\dfrac{a}{16b^8}$	**23** $\dfrac{5a}{b^3}$	**8** $\dfrac{ab^3}{125}$
18 $-\dfrac{n^2 k^5}{98}$	**4** $\dfrac{n^2}{343}$	**20** $\dfrac{n^2}{49k^5}$	**2** $\dfrac{16}{b^8}$
5 $\dfrac{k^5}{7n^2}$	**13** $\dfrac{125}{a^3 b}$	**21** $\dfrac{k^5}{98n}$	**7** $\dfrac{n^2}{98k}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

O 7^3 **E** 7^{-3} **A** $(-7)^3$ **H** $(-7)^{-3}$ **T** $(-20)^2$

E $(-20)^{-2}$ **A** -20^{-2} **S** $(-99)^0$ **E** 4^{-4} **I** -4^{-4}

T $9ab^{-2}$ **E** $\dfrac{9^2 a^{-2}}{b}$ **T** $\dfrac{9^{-2}a}{b^{-2}}$ **W** $4^3 a^0 b^{-10}$ **R** $\dfrac{4^{-3}}{a^{-1}b^{10}}$

G $\dfrac{6^{-1}k^8}{n^3}$ **N** $\dfrac{6^{-2}k^{-8}}{n^{-3}}$ **C** $\dfrac{6^{-3}n^{-3}}{k^0}$ **R** $\dfrac{(-6)^{-2}}{4kn^{-3}}$ **P** $\dfrac{-6^{-2}n^3}{4k^{-8}}$

23 $-\dfrac{1}{400}$	**13** 343	**17** -343	**22** $\dfrac{1}{343}$
1 -256	**7** $\dfrac{1}{400}$	**12** $-\dfrac{1}{256}$	**18** 1
3 $-\dfrac{1}{343}$	**11** 400	**15** -625	**4** $\dfrac{1}{256}$

10 $-\dfrac{n^3 k^8}{144}$	**16** $\dfrac{64}{b^{10}}$	**6** $\dfrac{a}{64b^{10}}$	**24** $\dfrac{9a}{b^2}$
20 $\dfrac{k^8}{6n^3}$	**9** $\dfrac{81}{a^2 b}$	**21** $\dfrac{n^3}{144k}$	**19** $\dfrac{81a}{b^2}$
8 $\dfrac{1}{216n^3}$	**5** $\dfrac{b^{10}}{64a}$	**14** $\dfrac{n^3}{36k^8}$	**2** $\dfrac{ab^2}{81}$

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

What Did Farmer John Show His Chicken When She Wouldn't Lay Any Eggs?

Determine whether each relation is a function. Indicate whether it "is a function" or is "not a function" by circling the appropriate letter in the chart. The answer to the title question is found by reading the circled letters in the top row, then the circled letters in the bottom row.

1 $\{(-1, 8), (0, 15), (1, -4), (2, 0)\}$

3 $\{(-5, 2), (5, 2), (0, -3), (3, -8), (-7, 4), (-1, -1)\}$

2 $\{(-2, 7), (6, 2), (-2, -3), (0, 9)\}$

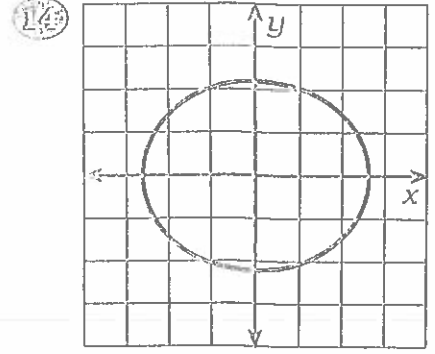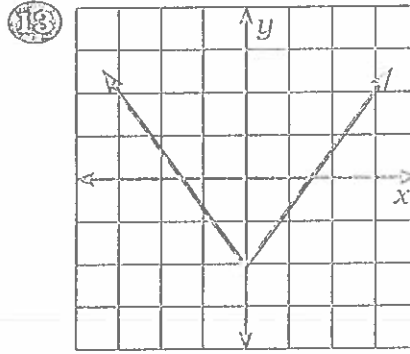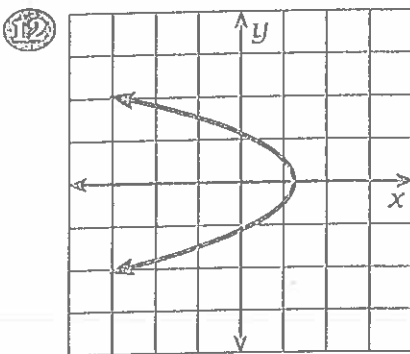**4** $\{(-7, 2), (4, -6), (2, -2), (-3, 9), (0, -11), (4, 0)\}$

5

x	y
-6	4
-4	0
-2	-5
0	-5
2	0
4	4

6

x	y
8	7
-3	16
-9	0
15	33
-1	-1
-9	-6

7

x	y
5	18
-2	-2
0	12
12	0
-40	17
-5	18

8

x	y
-1	75
0	80
1	85
0	90
-1	95

9

10

11

12

13

14
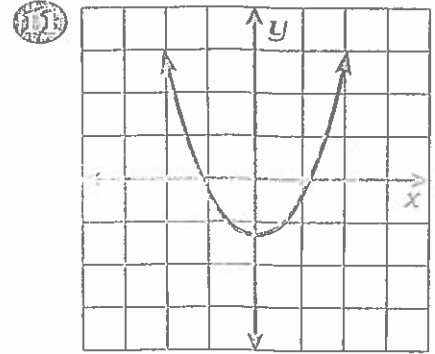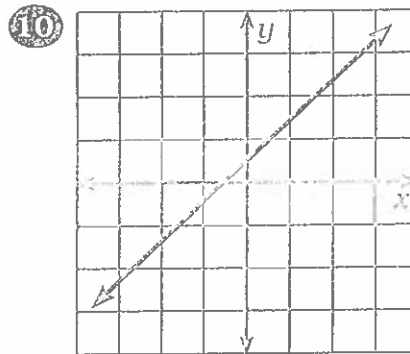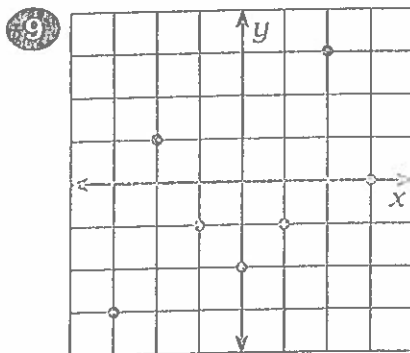
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
IS A FUNCTION ➤	A	R	G	E	O	L	O	F	D	E	G	O	G	G
NOT A FUNCTION ➤	I	S	T	A	T	M	E	P	O	L	A	L	L	E