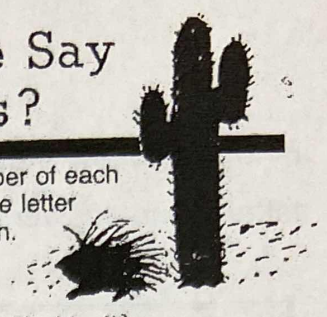# What Did the Baby Porcupine Say When It Backed Into a Cactus?

Determine which of the relations below are functions. Find the number of each relation that *is* a function at the bottom of the page and cross out the letter below it. When you finish, the answer to the title question will remain.

(1) {(−2, 7), (−1, 5), (0, 3), (1, 1), (2, 1)}

(2) {(−7, 20), (3, 5), (0, 5), (−2, 0), (6, −4), (−6, −9), (4, 4)}

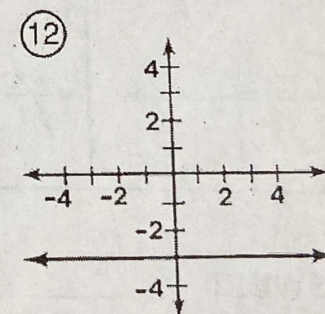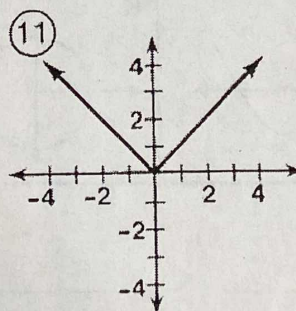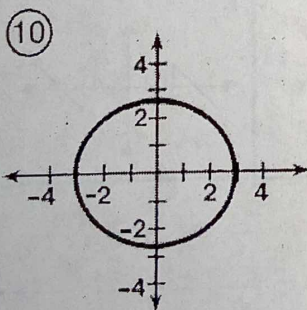(3) {(4, 8), (−3, −2), (9, 6), (2, −1), (−4, −5), (2, 7), (−8, 0)}

(4)
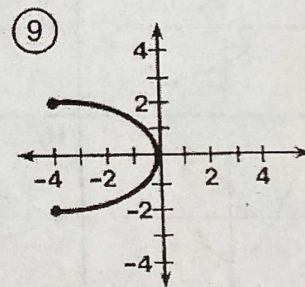
x	y
0	−19
1	−12
2	−4
3	3
4	13
5	27

(5)

x	y
−5	8
−3	8
−1	−2
1	−2
3	11
5	23

(6)

x	y
−2	−7
−2	5
0	−16
2	0
2	6

(7)

(8)

(9)

(10)

(11)

(12)
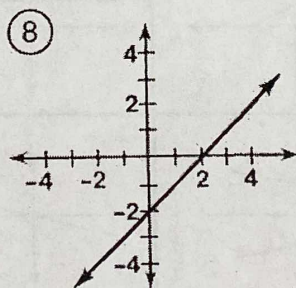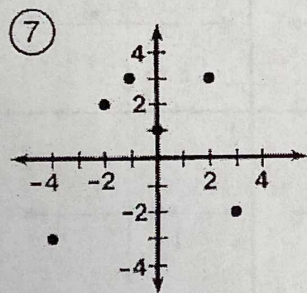
5	12	10	7	1	3	9	11	2	4	6	8
F	O	H	A	S	I	M	T	O	P	A	D

OBJECTIVE 1–a: To determine whether or not a relation is a function.

What's a Forum?

Functions and Their Graphs

Find the graphs that are _NOT_ functions. Cross out their corresponding letter in the answer grid below.

Y.	U.	C.	A.
W.	P.	N.	O.
B.	R.	M.	D.
S.	H.	G.	F.
T.	L.	E.	I.
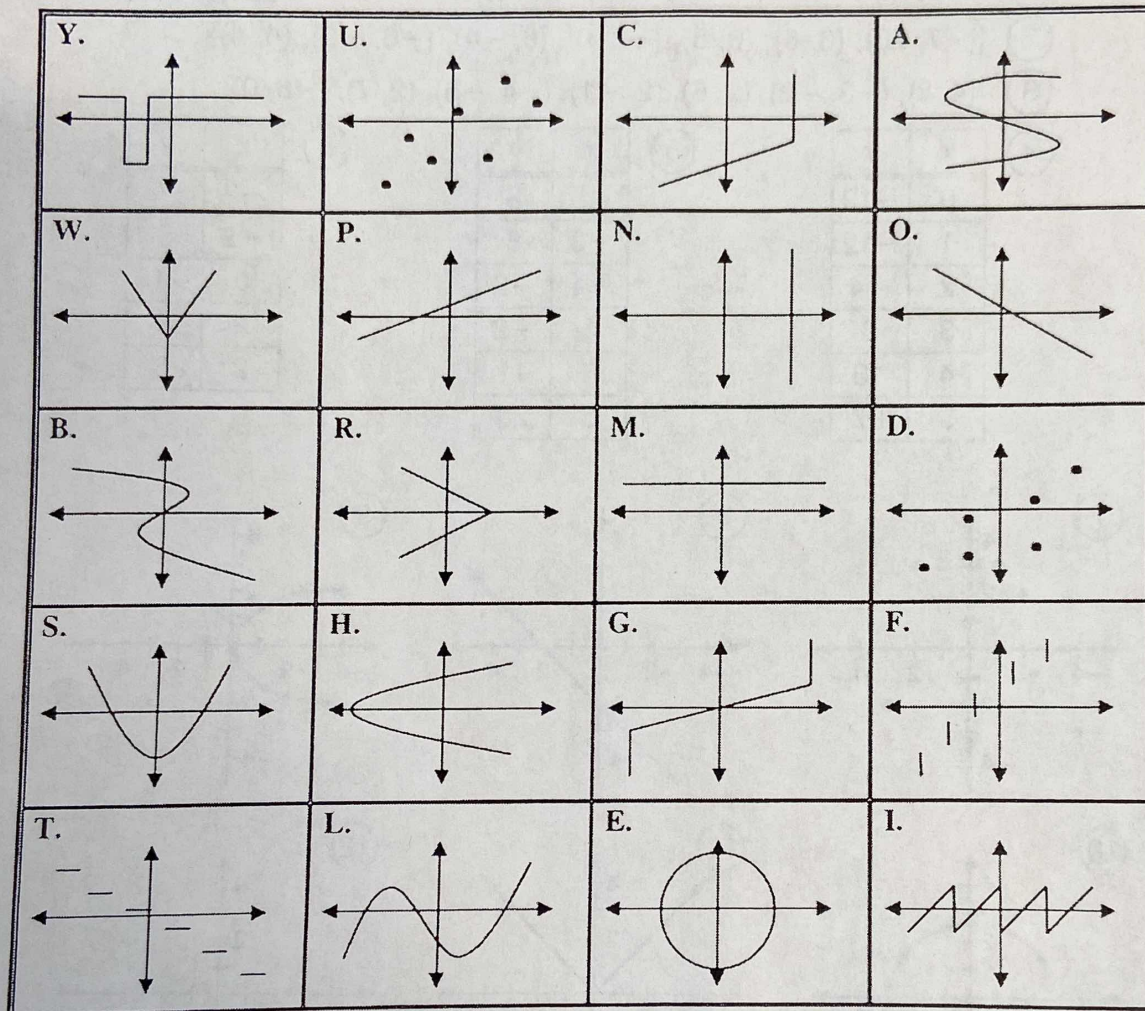
ANSWER: ___ ___ ___ - ___ ___   ___ ___ ___ ___ ___   ___ ___ - ___ ___

F	I	T	H	E	W	O	R	D	Y	I	F	U	N	C	H	A	N	G	E	M	Y
A	G	A	I	N	C	A	P	E	N	L	I	E	D	E	A	R	U	N	S	A	D
T	H	E	W	I	R	E	D	B	Y	O	U	R	G	E	M	A	Y	B	E	E	N

(Place remaining letters in the order they appear in blanks above)