

Magic Squares

Select the best answer for each of the words in the 'form' family from the numbered definitions. Put the number in the proper space in the Magic Square box. If the total of the numbers is the same both across and down, you have found the magic number!

'form' means shape, appearance, or arrangement

WORDS

- A. transforming
- B. informational
- C. uniformity
- D. uniformed
- E. informative
- F. transformation
- G. formations
- H. formalizes
- I. formless

DEFINITIONS

- 1. to become similar in shape to something else; to compare
- 2. condition of having one shape or appearance
- 3. puts into accepted arrangement or shape
- 4. attired in apparel on one shape or appearance
- 5. shapes, appearances, or arrangements
- 6. act of moving across to another shape
- 7. relating to providing shape to data
- 8. serving to provide shape to data
- 9. moving across to another shape or appearance
- 10. having no shape

Magic Square Box

A.	B.	C.
D.	E.	F.
G.	H.	I.

Magic Number _____

Root

form

pon, p

quest

val, v

port

ject

sign, s

sta, st

act, ag

pel, pe

jur, ju

grad, g

graph

lect, le

equ, e

pet, pe

fund, f

meter,

part, p

lat, lat

vol, vol

stru, st

spir, sp

man, m

mem, m

claim, c

leg, leg

loc

serv, se

capit, c

gener

flex, fle

sect, se

par, par

via, vi, v

her, her



Stair Steps

Fill in the missing letters of each "form" word by using the definitions below

'form' means shape, appearance, or arrangement

1.	f	o	r	m							
2.	f	o	r	m							
3.			f	o	r	m					
4.				f	o	r	m				
5.			f	o	r	m					
6.						f	o	r	m		
7.	f	o	r	m							
8.			f	o	r	m					
9.						f	o	r	m		

1. shapes, appearances, or arrangements
2. in accord with accepted shape or arrangement
3. gives shape to ideas
4. having one shape or appearance
5. without shape or arrangement; relaxed
6. to move across to another shape or appearance
7. shapes, appearances, or arrangements
8. knowledge arranged or shaped to be understood
9. devices that move across to another shape

In Other Words...

The Class Trip to the Caverns

The school class took a trip to the caverns and received an education about the earth, without textbook or in the usual classroom arrangement. The change in appearance of the landscape as we crossed from the green and bright surface of the earth into the totally dark cavern was amazing. When the tour guide Rocky turned on the lights, we gasped to see the all the rock shapes and arrangements.

Some rock arrangements were shaped like eggs, and others were shaped like columns. Some of the columns had not yet met in the middle, and Rocky arranged information in our heads that these had names depending on whether they were growing down from the ceiling or up from the ground. Appearing to grow up from the ground were stalagmites all of one shape. Rocky said that the length of the stalactites hanging from the ceiling gives us well-arranged ideas about the age of the caverns. Still in their shaping and developing stage, the stalactites and stalagmites are millions of years old.

Some rock patterns that seemed badly shaped were a result of earthquakes. The earth changes its shape again and again itself every so often violently through volcanic eruptions and earthquakes. The trip served to shape data in our minds and we are eager to go one day to see other caverns.

Fill in the blanks below using words from the "form" family.

1. Without texts and classroom, the class got an _____ lesson on geology.
2. We were amazed at the _____ between the surface and the underground.
3. There are so many different types of rock _____ in the caverns.
4. The _____ rocks looked exactly like eggs.
5. The guide _____ us about how stalactites and stalagmites differ.
6. The stalagmites we saw were _____, all about two feet high.
7. The length of the stalactites gives us _____ about the age of the cavern.
8. Always changing its appearance, the earth is still in its _____ stage.
9. Where rock patterns seemed _____, we saw evidence of earthquakes.
10. Earthquakes and volcanoes _____ the landscape below and above the surface.
11. Our trip to the caverns was highly _____; we learned a lot about the earth.

Word Bank

conformation

informal

informed

transform

formations

information

malformed

transformation

formative

informative

oviform

uniformal