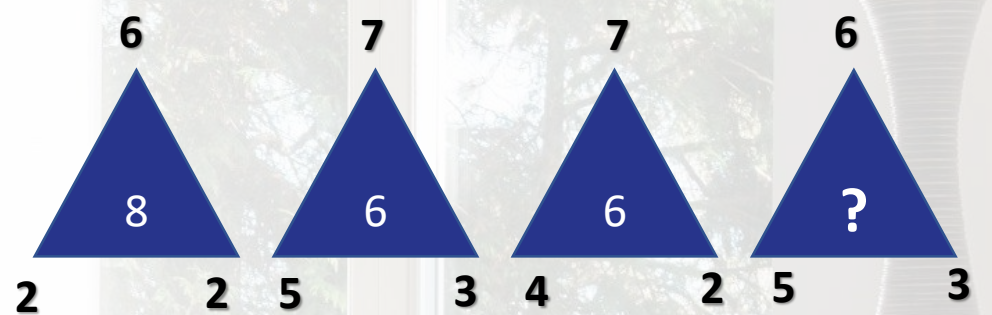


Logic Riddle

There are three switches downstairs. Each corresponds to one of the three light bulbs in the attic. You can turn the switches on and off and leave them in any position.

How would you identify which switch corresponds to which light bulb, if you are only allowed one trip upstairs?

The Empty Triangle



Question

Which figure should be placed in the empty triangle?

This puzzle works your executive functions in your frontal lobes by using your pattern recognition, hypothesis testing, and logic. Let us know how you do!

	1	2	3	4	5	6	7	8	9
A	8	9	7	3	6	2	1	5	4
B	5	2	6	7	4	1	3	8	9
C	4	3	1	8	5	9	2	7	6
D	7	1	2	9	8	6	5	4	3
E	9	8	5	4	1	3	6	2	7
F	6	4	3	5	2	7	8	9	1
G	2	6	9	1	7	5	4	3	8
H	1	7	8	2	3	4	9	6	5
I	3	5	4	6	9	8	7	1	2

Line 1 is "Two ones" (2 1)

Line 2 then becomes "One two, and one one" (1 2 1 1)

Line 3 therefore is "One one, one two and two ones" (1 1 1 2 2 1)

Line 4 is "Three ones, two twos and one one" (3 1 2 2 1 1)

Line 5 is "One three, one one, two twos and two ones" (1 3 1 1 2 2 1)

1
1 1
2 1
1 2 1 1
1 1 1 2 2 1
3 1 2 2 1 1
1 3 1 1 2 2 1

LOGIC RIDDLE

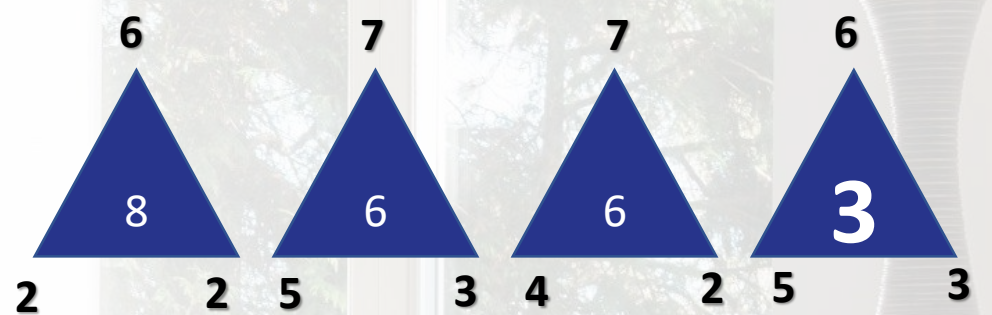
There are three switches downstairs. Each corresponds to one of the three light bulbs in the attic. You can turn the switches on and off and leave them in any position.

How would you identify which switch corresponds to which light bulb, if you are only allowed one trip upstairs?

ANSWER:

Keep the first bulb switched on for a few minutes. It gets warm, So all you have to do then is switch it off, switch another one on, walk into the room with bulbs, touch them and tell which one was switched on as the first one (the warm one) and the others can be easily identified

THE EMPTY TRIANGLE



Question

Which figure should be placed in the empty triangle?

This puzzle works your executive functions in your frontal lobes by using your pattern recognition, hypothesis testing, and logic. Let us know how you do!

¹ A	F	² F	R	³ O	N	⁴ T		⁵ A	T	⁶ L	A	⁷ S
L		L	Y			R		L		E		T
⁸ B	O	O	T	S		⁹ A	R	T	I	S	T	E
A		R		T		I		E		O		P
¹⁰ N	E	A	R	E	S	T		¹¹ R	I	T	E	S
I				R		S				H		
¹² A	S	¹³ S	I	S	I		¹⁴ O	¹⁵ B	L	O	N	¹⁶ G
		E				¹⁷ G		I				U
¹⁸ M	I	D	G	¹⁹ E		²⁰ U	P	T	I	²¹ G	H	T
O		U		R		F		T		L		L
²² T	I	C	K	O	F	F		²³ E	L	O	P	E
I		E		D		A		R		B		S
²⁴ F	O	R	C	E		²⁵ W	I	N	N	E	R	S

Across

- 1 Insult (7)
- 5 Book of maps (5)
- 8 Footwear for hikers (5)
- 9 Performer (7)
- 10 Closest (7)
- 11 Religious observances (5)
- 12 Home of St Francis (6)
- 14 Rectangle (6)
- 18 Troublesome little insect (5)
- 20 Tense, repressed (7)
- 22 Rebuke (4,3)
- 23 Run away to be wed (5)
- 24 Coercion (5)
- 25 Victors (7)

Down

- 1 Balkan country (7)
- 2 Plants of a particular region (5)
- 3 Edible shellfish (7)
- 4 Characteristics (6)
- 5 Modify (5)
- 6 African country, formerly Basutoland (7)
- 7 Paces (5)
- 13 Rescued (anag.) (7)
- 15 Booming bird (7)
- 16 Chicken-livered (7)
- 17 Boisterous laugh (6)
- 18 Recurring theme (5)
- 19 Wear away (5)
- 21 Terrestrial sphere (5)