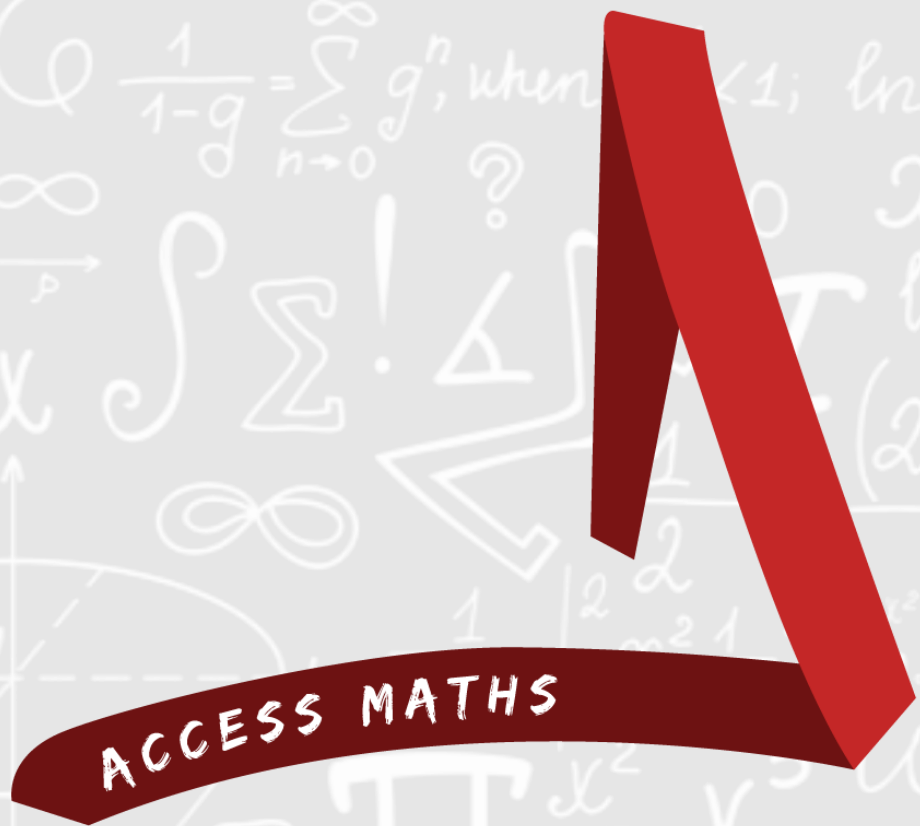


NUMERACY CHALLENGE



LEVEL 1



LEVEL 2

NUMERACY CHALLENGE



A logic puzzle

There are three light switches downstairs. Each one corresponds to one of 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?

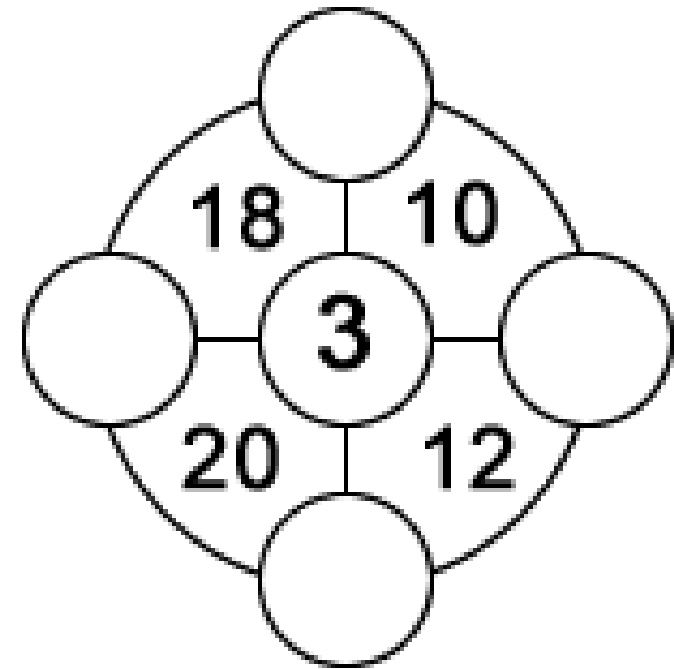
NUMERACY CHALLENGE

The number within the 4 sectors of the outer circle is equal to the sum of the three numbers in its sector.

The numbers in the individual circles can only be selected from 1 to 9 and each number can be used only once (no repeats).

One number has been provided to get you started.

Find the remaining 4 numbers.



LEVEL 2

NUMERACY CHALLENGE LEVEL 1

A logic puzzle

There are three light switches downstairs.
Each one corresponds to one of 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?

NUMERACY CHALLENGE LEVEL 1

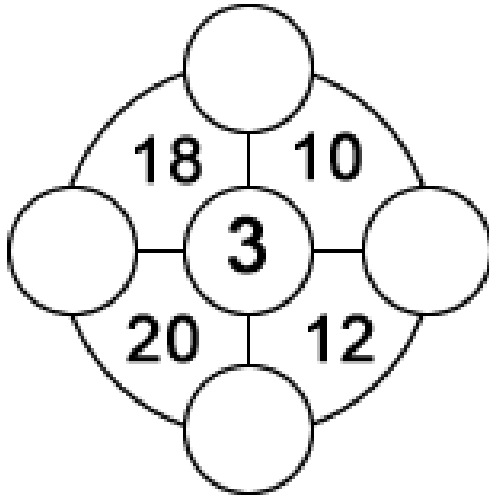
A logic puzzle

There are three light switches downstairs.
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NUMERACY CHALLENGE LEVEL 2



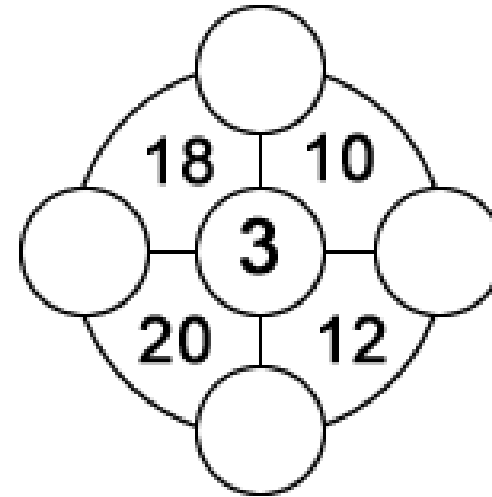
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NUMERACY CHALLENGE LEVEL 2



The number within the 4 sectors of the outer circle is equal to the sum of the three numbers in its sector.

The numbers in the individual circles can only be selected from 1 to 9 and each number can be used only once (no repeats).

One number has been provided to get you started.

Find the remaining 4 numbers.

LEVEL 1

Answer:

Keep the first bulb switched on for a few minutes.
It gets warm, right?

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

LEVEL 2

