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Puzzle and Anagram Solutions

Puzzle 1

There are two lengths of rope.

Each one can burn in exactly one hour.

They are not necessarily of the same length or width as each other.

They also are not of uniform width (may be wider in middle than on the end), thus burning half of the rope is not necessarily 1/2 hour.

By burning the ropes, how do you measure exactly 45 minutes worth of time?

SOLUTION: *If you light both ends of one rope, it will burn in exactly a 1/2 hour. Thus, burn one rope from both ends and the other rope from only one end. Once the one rope (which is burning from both ends) finally burns out (and you know a 1/2 hour has elapsed), you also know that the other rope (which is burning from only one end) has exactly 1/2 hour left to burn. Since you only want 45 minutes, light the second end of the rope. This remaining piece will burn in 15 minutes. Thus, totaling 45 minutes.*

Puzzle 2

Read the sentence below and count the F's in that sentence. Count them ONLY ONCE.

Do not go back and count them again.

See solutions for your score.

FINISHED FILES ARE THE RE-
SULT OF YEARS OF SCIENTIF-
IC STUDY COMBINED WITH
THE EXPERIENCE OF YEARS.

SOLUTION: *There are six F's in the sentence.*

A person of average intelligence finds three of them.

If you spotted four, you're above average.

If you got five, you can turn your nose at most anybody.

If you caught six, you are a genius.

There is no catch.

Many people forget the "OF"s.

The human brain tends to see them as V's and not F's.

Puzzle 3

A butcher goes to the market with \$100 cash. He has to buy exactly 100 animals. There are cows, geese and chicken for sale. A cow costs \$15, a goose is \$1 and a chicken costs \$0.25. He has to buy at least one of each animal and has to spend all his money.

What does the butcher buy?

Solution: 3 cows, 41 geese and 56 chickens.

Puzzle 4

You have fifty coins. How many different combinations can you make \$1?

No solution provided.

Puzzle 5

Given are 12 marbles. One of these marbles is slightly heavier or lighter than the others. You have a two plate scale. You are allowed to weigh three times. Can you find the marble that differs in weight?

No solution provided.

LEADERS ANAGRAM

GANDHI → Ha Ding

ROOSEVELT → Sole Trove

CAESAR → Sacear

THATCHER → Hart Etch

NAPOLEON → Opal Neon

MANDELA → Mad Lane

EISENHOWER → Heroes Wine

EINSTEIN → Nine Site

NEWTON → Net Now

POPE JOHN PAUL → Jape Oh Pulp No

ARISTOTLE → Tales Trio

CHOMSKY → Shock My

ANTHONY → Ay Nth No

SHAKESPEARE → Pear Has Seek