

PUZZLES

The TWENTY-THIRD
Sean Kelly
Brandon McPhail
Bill Graham

EINSTEIN'S HOUSES

There are 5 houses in 5 different colours. In each house lives a person with a different nationality. These five owners drink a certain drink, smoke a certain brand of cigar, and keep a certain pet. No owners have the same pet, smoke the same brand of cigarm, or drink the same drink. The question is: WHO OWNS THE FISH ?

Hints:

The Brit lives in a red house.

The Swede keeps dogs as pets.

The Dane drinks tea.

The green house is on the left of the white house.

The green house owner drinks coffee.

The person who smokes Pall Malls rears birds.

The owner of the yellow house smokes Dunhill.

The man living in the house right in the center drinks milk.

The Norwegian lives in the first house.

The man who smokes Blends lives next to the one who keeps cats.

The man who keeps horses lives next to the one who smokes Dunhill.

The owner who smokes Bluemaster drinks beer.

The German smokes Prince.

The Norwegian lives next to the blue house.

The man who smokes Blends has a neighbor who drinks water.

Einstein wrote this quiz in the late 1800's. He said that 98 percent of the world could not figure it out.

Even Kant could do this.

THREE SQUARES

Can you find a number n such that n , $n - 5$, and $n + 5$ all have rational square roots? In other words, the square root of each of these three numbers can be expressed as an integer or fraction.

This is pretty tough, so we'll give you a hint: n is not a whole number; it can be expressed as a fraction having a denominator of 144.

Puzzle by Bill Graham

Even Aristotle could do this.

So what if Freud can do it??

Even Freud could do this.

Even Pythagoras could do this.

Even Aristotle could do this.

Even Kant could do this.

Even Ray Mayer could do this.

Easy

Not easy

More challenging

This is a hard problem.

Go ask him for help.

Think you know the answer?

For more info on these puzzles, go to
<http://www.reed.edu/~mcphailb/quest/>

America is a melting pot.

You know, where those on

the bottom get burned, and

the scum rises to the top.

- Utah Phillips

Questions? Blitz: puzzles@reed.edu