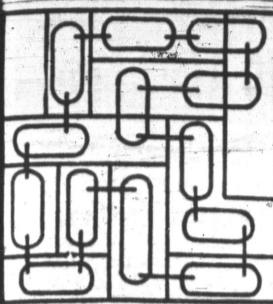


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Mental Gymnasium



CHAIN PUZZLE

Here is a puzzle that looks easy but even a smartie will find it extremely baffling.

First, clip or copy the simple chain pattern shown in the picture and paste it on a piece of light cardboard. Then cut along each of the straight lines with a pair of sharp scissors and the 26 link chain will be divided into 12 sections.

Before you start, take a good look at the drawing, then mix up the pieces. Putting the thing together again is no joke. Unless you have a pretty good memory, it will take quite a while to get the chain patched up all in one piece inside the original square.

The puzzle, of course, will be harder still for anyone who has not seen the pattern before it was cut up. Nobody seems to know what to do with the plain rectangle.

You can make a permanent puzzle out of plywood, painting on the links with India ink and then varnishing the puzzle pieces.

MISSING LETTERS

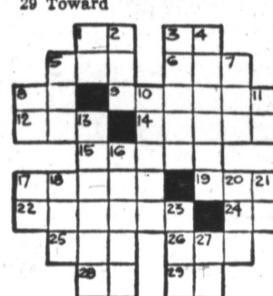
Here are four words, all of which end in the same three letters. Can you fill in the blanks and complete the words?

- 1. C — m — led
- 2. RI — led
- 3. S — d — led
- 4. Fa — led

CROSSWORD PUZZLE

ACROSS

- 1 Negative reply
- 3 Italian river
- 5 Wager
- 6 Part of a circle
- 8 Jumbled type
- 9 Trying experience
- 12 Also
- 14 Papal cape
- 15 Pointed a weapon
- 17 Kind of bear
- 19 Drunkard
- 22 New
- 24 Symbol for ruthenium
- 25 Ocean
- 26 Poem
- 28 Right line (ab.)
- 29 Toward

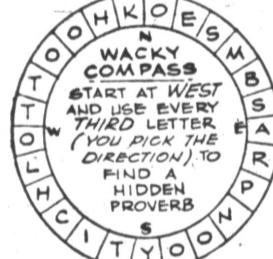


DOWN

- 1 Compass point
- 2 Indian
- 3 Spanish priest
- 4 Mountain nymphs
- 5 Storage place
- 7 Short for "Calvin"
- 8 Father
- 10 Native of Rome
- 11 French article
- 13 Waiter
- 16 Utopian
- 17 Pair (ab.)
- 18 Roman bronze
- 20 Native metal
- 21 Tungsten (ab.)
- 23 Small child
- 27 Accomplish

WORD CHAIN

Change SKATE to SWIMS in five moves, changing one letter at a time and having a word each time.



IT'S TRUE—
what they say about

NATURAL SILICA ROCK ASPHALT

As a wearing course material, natural SILICA ROCK ASPHALT is—

SMOOTHER Doesn't "wrinkle" in hot weather. Provides a smooth driving surface that won't buckle, or work up with climatic changes.

SAFER NATURAL SILICA ROCK ASPHALT is the most non-skid wearing surface used on streets and highways today... in either wet or dry weather.

DURABLE This paving material, formed by Nature ages ago, consists of sharp silica sand, impregnated with asphalt, provides a hard, smooth driving surface that will stand up for years.

ECONOMICAL NATURAL SILICA ROCK ASPHALT is more economical, for maintenance is cut to a minimum.

No other material has been developed which combines so many of the desirable qualities of this product. That's why more and more NATURAL SILICA ROCK ASPHALT is being specified as the IDEAL resurfacing material for modern streets and highways.

KENTUCKY ROCK ASPHALT Formed and sponsored by companies with long standing in production of KENTUCKY ROCK ASPHALT

Institute

WORD DIAMOND
A DUELIST centers this diamond. The second word is "owed," the third "accomplishments," the fifth "a Roman magistrate," and the sixth "compass point."

D
U
E
L
I
S
T

PUZZLE ANSWERS

MISSING LETTERS: 2-Ridged, 3-Cutout, 4-Crosses, 5-Split the border, 6-ODD, 7-ODD, 8-SWIMS, 9-THREE, 10-SKATE, 11-SKATE, 12-SKATE, 13-SKATE, 14-SKATE, 15-SKATE, 16-SKATE, 17-SKATE, 18-SKATE, 19-SKATE, 20-SKATE, 21-SKATE, 22-SKATE, 23-SKATE, 24-SKATE, 25-SKATE, 26-SKATE, 27-SKATE, 28-SKATE, 29-SKATE, 30-SKATE, 31-SKATE, 32-SKATE, 33-SKATE, 34-SKATE, 35-SKATE, 36-SKATE, 37-SKATE, 38-SKATE, 39-SKATE, 40-SKATE, 41-SKATE, 42-SKATE, 43-SKATE, 44-SKATE, 45-SKATE, 46-SKATE, 47-SKATE, 48-SKATE, 49-SKATE, 50-SKATE, 51-SKATE, 52-SKATE, 53-SKATE, 54-SKATE, 55-SKATE, 56-SKATE, 57-SKATE, 58-SKATE, 59-SKATE, 60-SKATE, 61-SKATE, 62-SKATE, 63-SKATE, 64-SKATE, 65-SKATE, 66-SKATE, 67-SKATE, 68-SKATE, 69-SKATE, 70-SKATE, 71-SKATE, 72-SKATE, 73-SKATE, 74-SKATE, 75-SKATE, 76-SKATE, 77-SKATE, 78-SKATE, 79-SKATE, 80-SKATE, 81-SKATE, 82-SKATE, 83-SKATE, 84-SKATE, 85-SKATE, 86-SKATE, 87-SKATE, 88-SKATE, 89-SKATE, 90-SKATE, 91-SKATE, 92-SKATE, 93-SKATE, 94-SKATE, 95-SKATE, 96-SKATE, 97-SKATE, 98-SKATE, 99-SKATE, 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