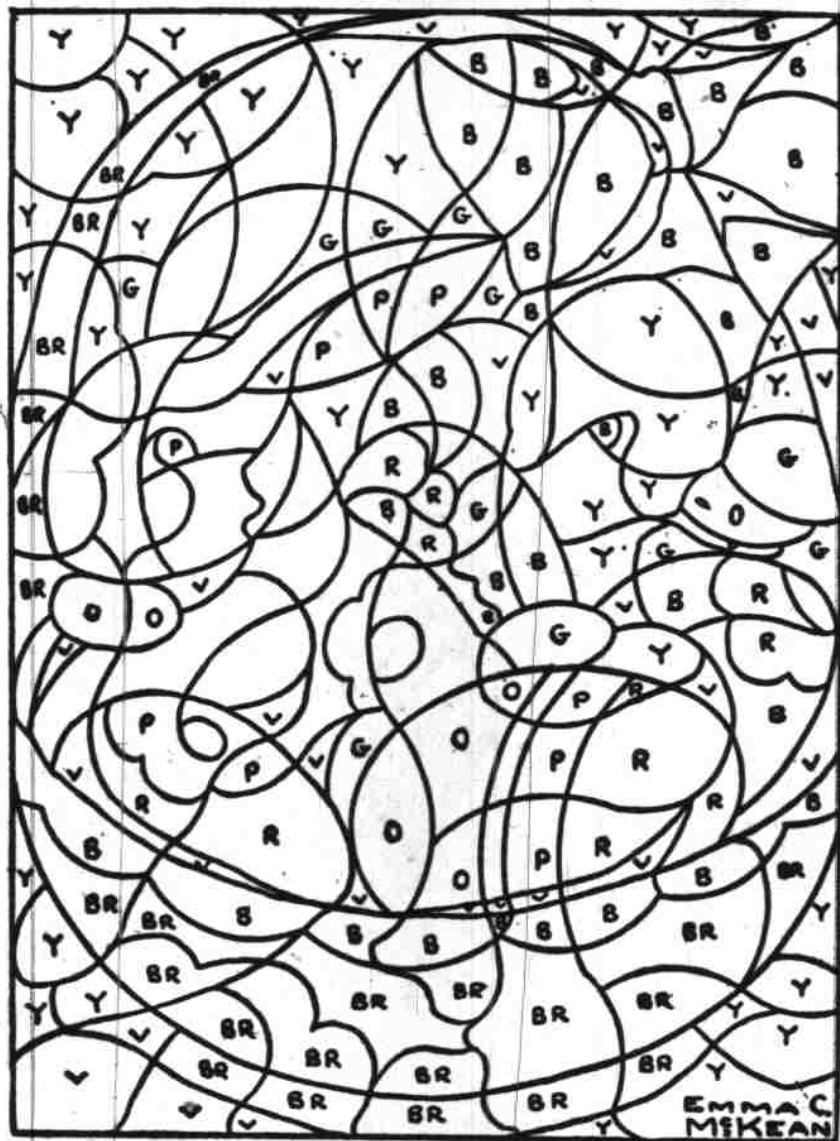


PUZZLES and PASTIMES



HERE'S another kind of picture you can draw yourself. Emma McKean designed a pretty Easter scene in this maze of lines. You can make it appear by taking your crayons and coloring each segment in accordance with its color key.

Y represents yellow; B for blue; BR for brown; O for orange; V for violet; G for green; R for red; P for pink. Use red lightly for pink.

TRICKY LABYRINTH



THIS is intended to fool you. You've got to have a penetrating mind and patience to avoid trap dead-ends in "escaping" from the central chamber of the labyrinth (X) to the single exit. Can you avoid having to retrace any part of your chosen route?

It's another maze designed by Julian Gerber.

SOLVING MYSTERY NUMBERS

By Alfred N. Bloch

SUPPOSE that while you are making complicated computations, water, milk or ink is spilled over your figures and obliterates some of them. You can restore the complete equations even though only a few remain.

Mathematicians have discovered the challenge of those "restorations" and have been composing incomplete computations and also ciphered computations for many years. They offer pleasant intellectual exercises.

Take, for example, the following very instructive incomplete division (in which each dot represents a numeral or digit):

$$\begin{array}{r} \dots\dots\dots \cdot 8 \dots \\ \dots \\ \dots \\ \dots \\ \dots \\ \dots \end{array}$$

It will be observed that in the third line two digits have been taken down. This means that the second numeral of the quotient (the one preceding the 8) must be zero. Since in the fifth line this process is repeated, the numeral following the eight must also be a zero.

The two positions in the fourth line indicate that if we multiply the divisor by 8, we obtain a two-digit product. The three positions in the second line inform us that the product of the divisor with the first numeral of the quotient is a

three-digit figure. Said numeral must therefore be greater than "8" and can only be "9." The same reasoning applies for the sixth line, which means that the last numeral of the quotient is also a nine.

Thus, we deduce that the quotient is 90,809.

Now, how about the divisor? We know that eight times the divisor is a two-digit figure; and nine times the divisor is a three-digit figure. The only number which meets these requirements is 12, and from here on it is, of course, easy to complete the division.

See how such problems are solved? How about trying this one?

$$\begin{array}{r} 215 \overline{) 7.9.1\dots} \\ \dots \\ \dots \\ \dots \\ \dots \end{array}$$

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FEET FIRST

IT'S A HELP in this Wits Quiz to have feet in your mouth, figuratively speaking. How many of the questions can you answer?

1. What Roman god had winged feet?
2. What has three feet and can't walk?
3. Whose feet made such an impression on Robinson Crusoe?
4. What popular rhyme must be recited with the aid of feet?
5. Who immortalized barefoot boys in a poem?
6. What baseball star is known as "Satchel Feet"?
7. What song heroine's feet were so large that her "shoes were number nine"?

Answers: 1. Mercury, 2. A parrot, 3. A parrot, 4. "The Barefoot Boy," 5. "The Barefoot Boy," 6. "The Barefoot Boy," 7. "The Barefoot Boy."

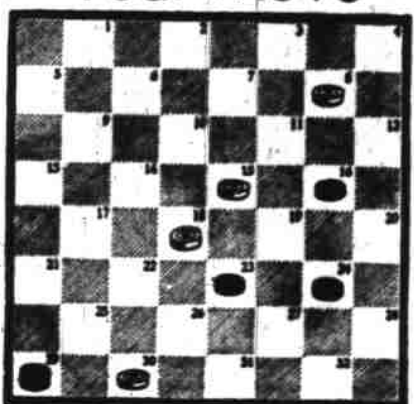
LETTER WORDS

THERE is a long list of words having three letters or more that can be represented phonetically by a single letter. What letters could represent the words defined below?

1. A question.
2. Printer's measure.
3. Insect.
4. Beverage.
5. Vegetable.
6. Part of body.
7. Exclamation.
8. Forever.
9. Ocean.
10. Member of your family.

Answers: 1. Question, 2. Printer's measure, 3. Insect, 4. Beverage, 5. Vegetable, 6. Part of body, 7. Exclamation, 8. Forever, 9. Ocean, 10. Member of your family.

Your Move



YOU can improve your game solving posers like this one, presented by Millard Hopper, national unrestricted checker champion.

White, moving up the board, is to move first and win in four moves against any defense of Black. Black has a king on No. 29.

Can you make White win?

Solution: White 20-22, Black 22-24, White 24-26, Black 26-28, White 28-30, Black 30-32, White 32-34, Black 34-36, White 36-38, Black 38-40, White 40-42, Black 42-44, White 44-46, Black 46-48, White 48-50, Black 50-52, White 52-54, Black 54-56, White 56-58, Black 58-60, White 60-62, Black 62-64, White 64-66, Black 66-68, White 68-70, Black 70-72, White 72-74, Black 74-76, White 76-78, Black 78-80, White 80-82, Black 82-84, White 84-86, Black 86-88, White 88-90, Black 90-92, White 92-94, Black 94-96, White 96-98, Black 98-100, White 100-102, Black 102-104, White 104-106, Black 106-108, White 108-110, Black 110-112, White 112-114, Black 114-116, White 116-118, Black 118-120, White 120-122, Black 122-124, White 124-126, Black 126-128, White 128-130, Black 130-132, White 132-134, Black 134-136, White 136-138, Black 138-140, White 140-142, Black 142-144, White 144-146, Black 146-148, White 148-150, Black 150-152, White 152-154, Black 154-156, White 156-158, Black 158-160, White 160-162, Black 162-164, White 164-166, Black 166-168, White 168-170, Black 170-172, White 172-174, Black 174-176, White 176-178, Black 178-180, White 180-182, Black 182-184, White 184-186, Black 186-188, White 188-190, Black 190-192, White 192-194, Black 194-196, White 196-198, Black 198-200, White 200-202, Black 202-204, White 204-206, Black 206-208, White 208-210, Black 210-212, White 212-214, Black 214-216, White 216-218, Black 218-220, White 220-222, Black 222-224, White 224-226, Black 226-228, White 228-230, Black 230-232, White 232-234, Black 234-236, White 236-238, Black 238-240, White 240-242, Black 242-244, White 244-246, Black 246-248, White 248-250, Black 250-252, White 252-254, Black 254-256, White 256-258, Black 258-260, White 260-262, Black 262-264, White 264-266, Black 266-268, White 268-270, Black 270-272, White 272-274, Black 274-276, White 276-278, Black 278-280, White 280-282, Black 282-284, White 284-286, Black 286-288, White 288-290, Black 290-292, White 292-294, Black 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