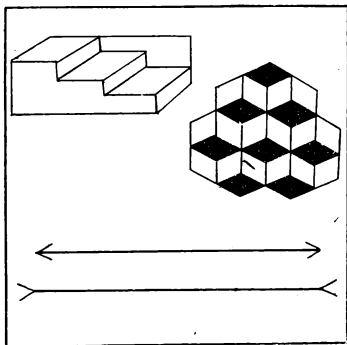


WORK AND PLAY SECTION**YOU CAN'T BELIEVE
YOUR EYES**

- FIRST, you see in the above picture the Reversible Staircase. Look at it. Use a steady gaze. Hold the paper still and move your head up and down. One, two-o-o, three-e-e! Over it goes! The harder you look, the sooner it reverses. Squint again. The staircase is back in its original form! How's that for a prestidigitatorial masterpiece?
- Quick, now, look next at the Shaded Cubes, an amazing conjuration which is the triumph of the occult arts! Count the cubes. One on top; two below; three at the bottom. Six in all. Now, let us produce an extra cube, making seven. Again use the steady gaze. See the cubes reassemble themselves before your eyes. Look again. Have the cubes moved or haven't they? Count them. There are seven. You can't believe your eyes. And

**SOME RIDDLES
FOR FOURTH GRADERS**

By ELIZA MARQUEZ*

- My home is in a bottle. I am red, or blue, or black, or green. Children who want to use me get me with their pens. What am I?
- Farmers raise many of us in their back yards. We make good food. We have two legs, two wings, and a comb when we are grown. What are we?
- I am made of paper and sticks. I can fly but I have no wings. The wind keeps me up in the air. I am tied to a long string. What am I?
- I am very useful. I am made of paper, and have figures printed on me. I hang on the wall. You look at me to know when you will celebrate your birthday. You look at me when you want to write a letter. What am I?
- You cannot see me, but you can feel me. You like to have me come near you when you are feeling warm. Sometimes I am strong. Sometimes I am very gentle. I come from different directions. What am I?

(Answers on page 418)

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I don't have to prove it—you are proving it yourself.

- Next, we have the baffling Arrow Mystery. Look at the two lines. Decide for yourself which is the longer line. Then measure them. You can't believe your eyes!