

THINGS TO DO

CHANGING PICTURES

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Here are three incomplete pictures. Carefully follow the directions and you will have the pictures of a book, a fence, and some steps.

Directions: In picture Number 1 draw a straight line, connecting A and B. Notice how the book changes as you look at it. Sometimes it appears to open toward you. Again it seems to be open with its back toward you.

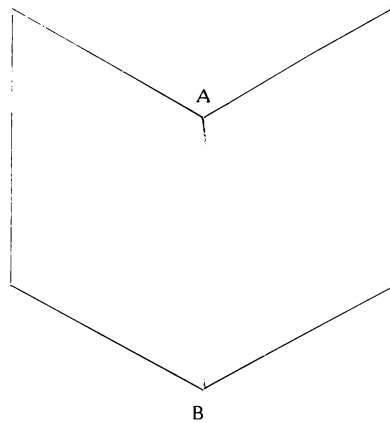
In Picture Number 2 you have some fence posts. You are to put the wire on the fence by drawing three zig-zag lines. The first line connects the numbers 1, 2, 3, 4, 5, 6. The second line connects the numbers 7, 8, 9, 10, 11, 12. With the third line connect 13, 14, 15, 16, 17, 18. Now that the fence is finished, which of the posts seem to be nearer to you—the ones marked X or those marked Y? Watch it for a while and see if the fence changes, appearing to have the X posts near and then the Y post

near.

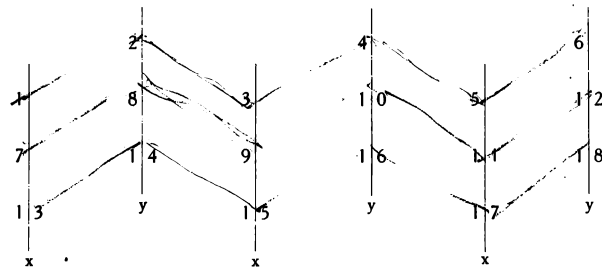
In Picture Number 3 you will have some stair steps if you draw straight lines connecting the O's, the P's, the Q's, etc. Pretend you are walking up the stairs. Do you step on the shaded surfaces or the unshaded surfaces? Sometimes it will appear that you should step on the shaded surfaces, but if you continue to watch the picture sometimes it will seem that you would have to step on the unshaded surfaces.

Try to make up a drawing of your own that appears to change. If you want to have some fun show these pictures to several of your friends at the same time. Part of the group will at once say the book is open to them to read. Others will declare that the book is open but has its back to them. Just as they get all excited in the argument the picture will seem to change. Try this with your friends.

PICTURE NUMBER 1



PICTURE NUMBER 2



PICTURE NUMBER 3

