

Growing Up and Down!

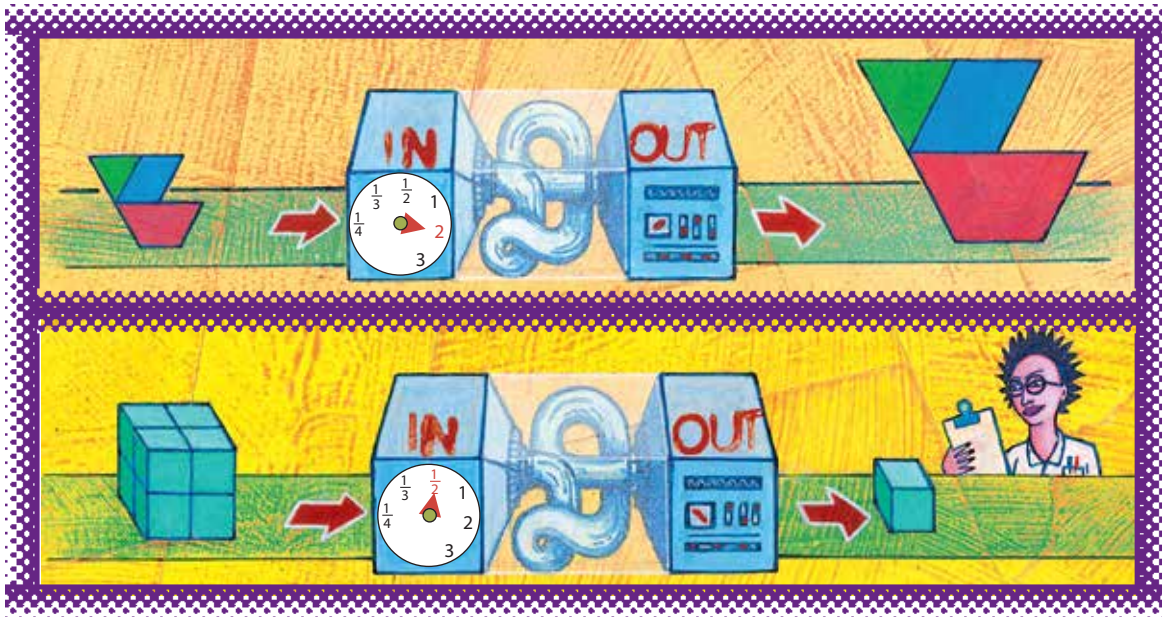
You need isometric dot paper

a classmate

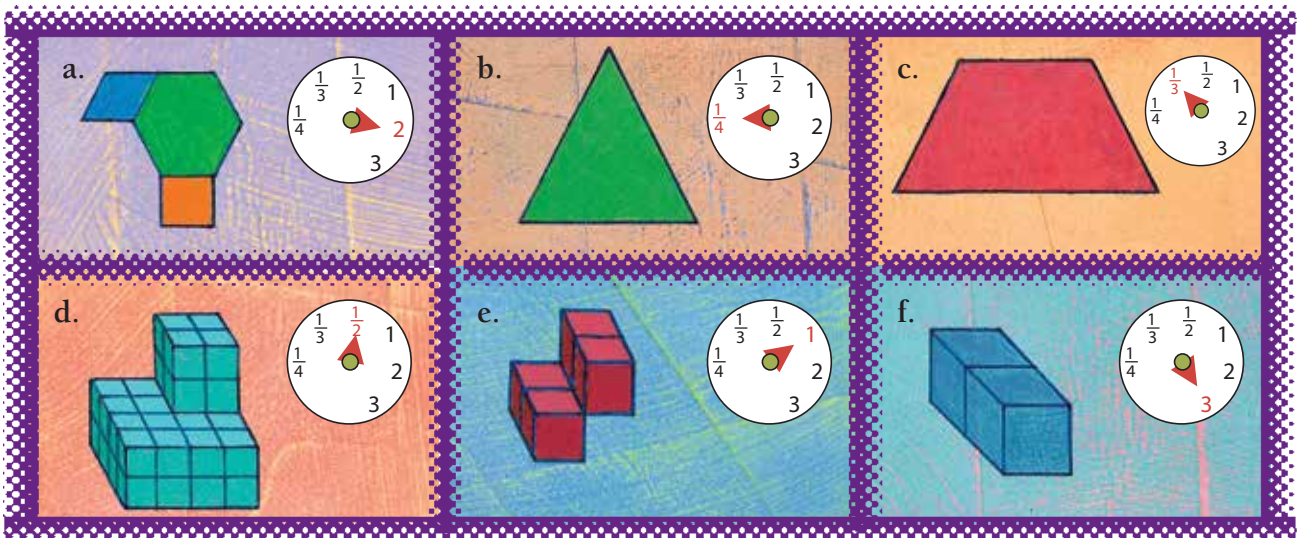
Activity

Professor Suzie Sizer invented an enlarging and reducing machine that worked on volume and area.

1. What effect does the setting of the knob have on the “out” size of the two models shown below?



2. Draw each model below on isometric dot paper. Then draw what each model will look like when it comes out of the machine.



3. Discuss with a classmate why some models change in area only.