

Activity 03

1. Open the **Layers panel** (Window > Layers), collapse the panel drawer, then click the empty area next to the **Clock Body layer** to lock it.
2. Click the **+** button to create a new layer, double-click it, name it **Tchotchkes**, and press **Enter**.
3. Press **M** for the Rectangle tool and click and drag on a shelf to draw a single book shape. Set it to any fill color.
4. With the book selected, go to **Effect > Distort & Transform > Transform**.
5. Enter **7–8** in the **Copies** field, hit Tab, then adjust the **Move Horizontal** value (e.g. 2.15) until the copies span the width of the shelf. Click **OK**.
6. *(Optional — to edit the effect)* Open the **Appearance panel** (Window > Appearance) and **double-click Transform** in the list to reopen the settings and make changes.
7. To make the books into real shapes, go to **Object > Expand Appearance**.
8. Go to **Object > Ungroup**, then repeat **Object > Ungroup** a second time to fully ungroup all individual books.
9. Press **V**, drag to select all books, then hold **Alt/Option** and drag upward to copy them to the shelf above. Hold **Alt/Option** and drag a side handle inward to compress the copy to fit the shelf.
10. With the copied books still selected, go to **Object > Transform > Transform Each**.
11. Check **Transform Objects**, check **Random**, set the **reference point to bottom center**, then drag the **Vertical Scale** slider to the right until you like the varied heights. Optionally adjust **Horizontal Scale** slightly to vary widths. Click **OK**.
12. Select the **bottom row** of books, then press **Command/Control + D** (Transform Again) to apply the same randomized height treatment to them.