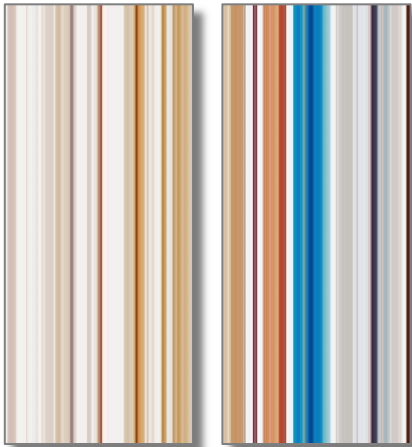




A two-panel work of art will be hung on a wall based on the following description:

- The two panels will be positioned side-by-side, centred horizontally on the wall.
- Each panel will be hung using a single nail.



Some known measurements:

- The wall is $42\frac{1}{2}$ inches wide and 8 feet tall.
- Each panel has a width of 12 inches and a height of 36 inches.
- Each panel will hang from its horizontal centre, at point that is $1\frac{1}{4}$ inches from the top of the panel.
- To match other artwork in the room, the top of the picture will be $16\frac{3}{8}$ inches from the ceiling.
- There will be a $\frac{3}{4}$ inch space between the two panels.



Using the information above, determine exactly where the nails should be placed on the wall. Use a diagram to illustrate your answer.

