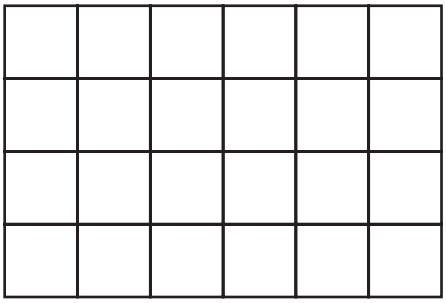
COUNTDOWN Challenge

Fraction Patterns

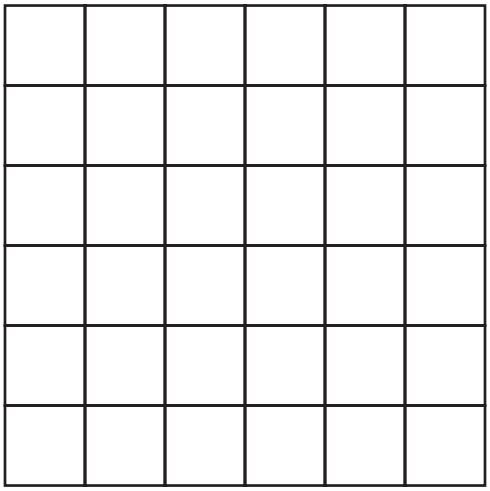
Principal Martin wants to put down special floor tile by the front door of her house. She wants to use four different colors of tiles in her design. She also wants:

1/2 of the tiles to be blue
1/4 of the tiles to be gray
1/8 of the tiles to be red
1/8 of the tiles to be green

Using the grid pattern below, design a floor for the entrance of Principal Martin's house. Show your work by coloring each tile with the appropriate color.



On the patio of her house, Principal Martin wants to put down a larger design. She wants to use five different colors of tiles in her design. She also wants:

1/2 of the tiles to be yellow
1/4 of the tiles to be blue
1/12 of the tiles to be black
1/12 of the tiles to be purple
1/12 of the tiles to be orange

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