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| Country | height: length | Question | Work |
| Vatican City  va.png | 1:1 | Create a proportion for a width of 10 boxes and solve for the height.  Draw the flag of the Vatican City with a width of 10 boxes. |  |
| France  Flag_of_France.svg.png | 2:3 | Why does the ratio of the flag of France make sense?  If I wanted to make 20 foot tall flag, how many feel long would it be?  How wide would each stripe be?  Draw with a height of 20 boxes. |  |
| Germany  800px-Flag_of_Germany.svg.png | 3:5 | Why does the ratio of the flag of Germany make sense?  If I wanted to make a 15 meter longs, how tall would it need to be?  Draw with a width of 15 boxes. |  |
| Italy  Italy_Flag_big.jpg | 2:3 | How does the flag of Italy differ from the flag of France?  How wide would the Italian flag have to be with a height of 8 boxes?  Draw with a height of 8 boxes. |  |
| Mexico  Flag_of_Mexico.svg.png | 4:7 | How does the flag of Mexico differ from the flag of France?  How wide would the Mexican flag have to be with a height of 8 boxes?  Draw with a height of 8 boxes. |  |
| Yemen  https://upload.wikimedia.org/wikipedia/commons/thumb/8/89/Flag_of_Yemen.svg/450px-Flag_of_Yemen.svg.png | 2:3 | How could I make all of the colors of Yemen’s flag fit into boxes that aren’t split into two colors?  What dimensions would make the |  |
| Brazil  https://upload.wikimedia.org/wikipedia/en/thumb/0/05/Flag_of_Brazil.svg/720px-Flag_of_Brazil.svg.png | 7:10 | Multiply the flag of Brazil by a scale factor of 2. |  |
| The United States of America  Flag_of_the_United_States.svg.png | 10:19 | Why do you think the United States’ flag has such an odd ratio?  What would the dimensions need to be so that each stripe could be drawn with no split boxes. |  |