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| Country | height: length | Question | Work |
| Vatican Cityva.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. |  |
| FranceFlag_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. |  |
| Germany800px-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. |  |
| ItalyItaly_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. |  |
| MexicoFlag_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. |  |
| Yemenhttps://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  |  |
| Brazilhttps://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 AmericaFlag_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. |  |