

## Show ratios for a table of premier league results, using the CALCULATE function

Open the PowerBI file **Premier League – Using Calculate.pbix** in the exercise's folder. Your job will consist in creating the last two columns of below table using measures with the CALCULATE function.

Nationality	Points	Count of Team	Proportion of total points ▼	RatioToEngland
Italy	58	3	17.85%	1.16
England	50	4	15.38%	1.00
France	39	2	12.00%	0.78
Spain	38	2	11.69%	0.76
Germany	27	1	8.31%	0.54
Wales	26	2	8.00%	0.52
Argentina	24	1	7.38%	0.48
Netherlands	19	1	5.85%	0.38
Portugal	19	1	5.85%	0.38
Croatia	11	1	3.38%	0.22
Scotland	8	1	2.46%	0.16
United States	6	1	1.85%	0.12

The proportion of total points is a ratio between the following two figures:

Part of ratio	Calculation
Numerator	The total points won (use a simple <b>SUM</b> function)
Denominator	The total points won for teams of all nationalities (combine a <b>CALCULATE</b> function with the <b>ALL</b> function, to remove any nationality constraint)

The ratio of total points won for a nationality to total points won by English managers is given by these figures:

Part of ratio	Calculation
Numerator	The total points won (use a simple <b>SUM</b> function)
Denominator	The total points won by English teams (replace the nationality constraint for any filter context with one which says that the nationality must be <b>England</b> ).