













What did Einstein  
think was a universal  
constant?

$$E = mc^2$$



# Measurements of speed of light (1879), n = 100

|      |     |     |     |      |      |      |     |     |     |     |      |     |
|------|-----|-----|-----|------|------|------|-----|-----|-----|-----|------|-----|
| [1]  | 850 | 740 | 900 | 1070 | 930  | 850  | 950 | 980 | 980 | 880 | 1000 | 980 |
| [13] | 930 | 650 | 760 | 810  | 1000 | 1000 | 960 | 960 | 960 | 940 | 960  | 940 |
| [25] | 880 | 800 | 850 | 880  | 900  | 840  | 830 | 790 | 810 | 880 | 880  | 830 |
| [37] | 800 | 790 | 760 | 800  | 880  | 880  | 880 | 860 | 720 | 720 | 620  | 860 |
| [49] | 970 | 950 | 880 | 910  | 850  | 870  | 840 | 840 | 850 | 840 | 840  | 840 |
| [61] | 890 | 810 | 810 | 820  | 800  | 770  | 760 | 740 | 750 | 760 | 910  | 920 |
| [73] | 890 | 860 | 880 | 720  | 840  | 850  | 850 | 780 | 890 | 840 | 780  | 810 |
| [85] | 760 | 810 | 790 | 810  | 820  | 850  | 870 | 870 | 810 | 740 | 810  | 940 |
| [97] | 950 | 800 | 810 | 870  |      |      |     |     |     |     |      |     |