

- 1 An engine part of mass 0.51 kg is placed on four different balances. For each balance the reading is taken five times. The table shows the values obtained together with the means.

Which balance has the smallest systematic error but is not very precise?

Set	Reading / kg					Mean / kg
	1	2	3	4	5	
A	0.51	0.51	0.52	0.54	0.52	0.518
B	0.49	0.50	0.51	0.48	0.49	0.494
C	0.56	0.41	0.52	0.54	0.54	0.512
D	0.44	0.49	0.46	0.43	0.41	0.446