5 Four possible sources of error in a series of measurements are listed.

1. an analogue meter whose scale is read from different angles

2. a meter which always measures 5% too high

3. a meter with a needle that is not frictionless, so the needle sometimes sticks slightly

4. a meter with a zero error

Which errors are random and which are systematic?

	random error	systematic error
A	1 and 2	3 and 4
B	1 and 3	2 and 4
C	2 and 4	1 and 3
D	3 and 4	1 and 2