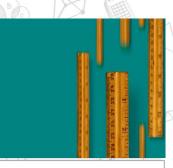


Measurement At Home

## Reaction time Results sheet

npl.co.uk/measurement-at-home/reaction-time





Use this to record and calculate your results

\* indicates final results.

Dominant hand		
Result	Distance	Time
	(centimetres)	(milliseconds)
1		
2		
3		
4		
5		
Times (milliseconds)		
Longest		
Shortest		
Range* (longest minus shortest)		
	Average*	

Non dominant hand			
Result	Distance	Time	
	(centimetres)	(milliseconds)	
1			
2			
3			
4			
5			
Times (milliseconds)			
Longest			
	Shortest		
Range* (longest minus shortest)			
	Average*		



## Look up table

Use this to convert drop distance (in cm) to time (in thousandths of seconds).

distance	time
(cm)	(milliseconds)
5	101
6	111
7	120
8	128
9	136
10	143
11	150
12	156
13	163
14	169
15	175
16	181
17	186
18	192
19	197
20	202
21	207
22	212
23	217
24	221
25	226
26	230
27	235
28	239
29	243
30	247

Adult direction or supervision is required. All experiments are carried out at your own risk. For more experiments, visit <u>NPL Measurement at Home</u>.