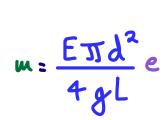
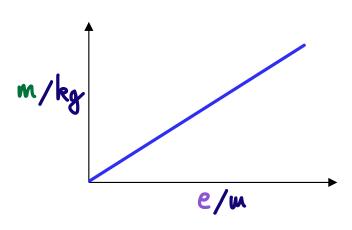
Young Modulus - Results





Method 1: A horizontal copper wire was loaded. The extension was measured with a ruler to the nearest millimetre.

Original length: 2.320 M Average diameter of wire: 0.19 MM

Method 2: A vertical steel wire was loaded. The extension was measured using Searle's apparatus to the nearest 0.01 of a millimetre.

Original length: 0.427 w

Average diameter of wire: 0.55 www

Method 1 - Copper	
Mass / kg	Extension / mm
0.000	0
0.020	0
0.100	1
0.120	1
0.200	2
0.720	2
0.300	2
0.350	3
0.400	4
0.450	4
0.500 *	7

Method 2 - Steel	
Mass / kg	Extension / mm
0.000	0.00
0.500	0.09
1.000	0.21
1.500	0.26
ス・000	0.42
2.500	0.50
3.000	0.59

* The copper wire snapped when 0.550 kg added.

