

10°

x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	0,89	0,95	0,90	0,91
0,52	1,49	1,56	1,50	1,52
0,78	2,10	2,18	2,13	2,14
1,04	2,72	2,81	2,73	2,75
1,30	3,34	3,41	3,36	3,37

x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	1,16	1,14	1,17	1,16
0,52	2,02	1,99	2,04	2,02
0,78	2,86	2,85	2,87	2,86
1,04	3,73	3,71	3,73	3,72
1,30	4,58	4,57	4,59	4,58

x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	1,10	1,12	1,09	1,10
0,52	1,91	1,91	1,89	1,90
0,78	2,69	2,71	2,68	2,69
1,04	3,50	3,51	3,48	3,50
1,30	4,31	4,31	4,30	4,31

x (m)	P
0,26	0,91
0,52	1,52
0,78	2,14
1,04	2,75
1,30	3,37

x (m)	P
0,26	1,16
0,52	2,02
0,78	2,86
1,04	3,72
1,30	4,58

x (m)	P
0,26	1,10
0,52	1,90
0,78	2,69
1,04	3,50
1,30	4,31

20°

x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	1,00	1,06	1,04	1,03
0,52	1,64	1,69	1,67	1,67
0,78	2,27	2,33	2,31	2,30
1,04	2,92	2,96	2,95	2,94
1,30	3,57	3,60	3,59	3,59

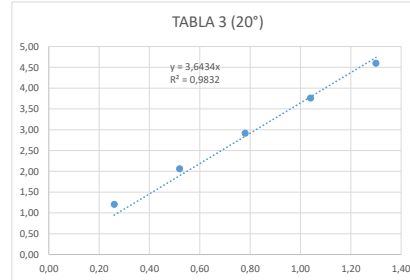
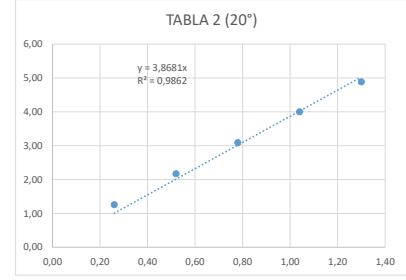
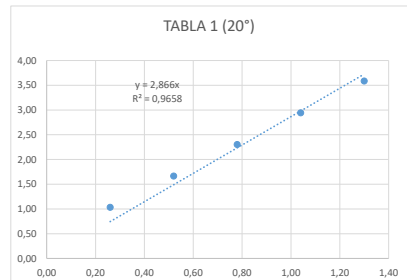
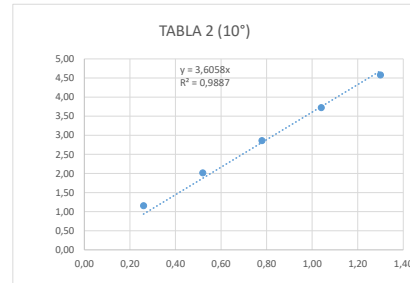
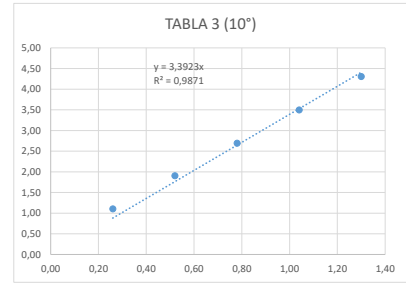
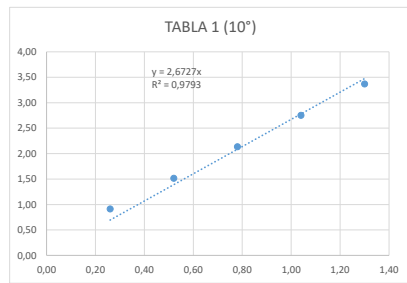
x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	1,26	1,27	1,24	1,26
0,52	2,17	2,19	2,15	2,17
0,78	3,09	3,10	3,08	3,09
1,04	4,00	4,02	3,99	4,00
1,30	4,89	4,90	4,87	4,89

x (m)	t1 (s)	t2 (s)	t3 (s)	P
0,26	1,21	1,19	1,22	1,21
0,52	2,06	2,05	2,07	2,06
0,78	2,92	2,89	2,94	2,92
1,04	3,76	3,75	3,77	3,76
1,30	4,60	4,59	4,60	4,60

x (m)	P
0,26	1,03
0,52	1,67
0,78	2,30
1,04	2,94
1,30	3,59

x (m)	P
0,26	1,26
0,52	2,17
0,78	3,09
1,04	4,00
1,30	4,89

x (m)	P
0,26	1,21
0,52	2,06
0,78	2,92
1,04	3,76
1,30	4,60



(10°)

1)  $m = \frac{1}{2} g \cos(\theta)$   
 $2,6727 = \frac{1}{2} g \cos(10^\circ)$   
 $g = \frac{2 \times (2,6727)}{\cos(10^\circ)} = 5,42$

2)  $m = \frac{1}{2} g \cos(\theta)$   
 $3,3923 = \frac{1}{2} g \cos(10^\circ)$   
 $g = \frac{2 \times (3,3923)}{\cos(10^\circ)} = 6,88$

3)  $m = \frac{1}{2} g \cos(\theta)$   
 $3,6058 = \frac{1}{2} g \cos(10^\circ)$   
 $g = \frac{2 \times (3,6058)}{\cos(10^\circ)} = 7,32$

(20°)

1)  $m = \frac{1}{2} g \cos(\theta)$   
 $2,866 = \frac{1}{2} g \cos(20^\circ)$   
 $g = \frac{2 \times (2,866)}{\cos(20^\circ)} = 6,099$

2)  $m = \frac{1}{2} g \cos(\theta)$   
 $3,8681 = \frac{1}{2} g \cos(20^\circ)$   
 $g = \frac{2 \times (3,8681)}{\cos(20^\circ)} = 8,232$

3)  $m = \frac{1}{2} g \cos(\theta)$   
 $3,6434 = \frac{1}{2} g \cos(20^\circ)$   
 $g = \frac{2 \times (3,6434)}{\cos(20^\circ)} = 7,754$

los resultados que se muestran no son los esperados ya que talvez hubo errores a la hora de tomar los las medidas o los tiempos y para lograr obtener un mejor resultado hay que tener un calculo mas preciso con respecto a ello