



PART 1. LINEAR MOTION					
ข้อ	คำตอบ	ข้อ	คำตอบ	ข้อ	คำตอบ
1	3,1	12	1	23	2,4
2	3	13	3	24	2
3	3	14	3	25	1
4	3	15	3 m.	26	5.78 m.
5	3	16	2	27	3
6	1	17	4	28	2
7	4	18	4	29	5 m/s
8	3	19	180 m.	30	2
9	3	20	1	31	2
10	4	21	4	32	2
11	2	22	200 m.		
PART 2. LINEAR MOTION					
1	5	13	3	23	n = 17.3, 20 m/s v = 2.7 s
2	2	14	2		
3	3	15	2	24	4
4	3	16	2	25	2
5	2	17	4	26	3
6	4	18	1 = 10	27	4
7	1		2 = 200	28	n = 8.0 m/s v = 4.0 m/s รัศมี
8	2		3 = 40		
9	1 = 10	19	3	29	4
	2 = 1 m/s	20	4	30	15 m
	3 = 1 m/s	21	n = 2m/s ² v = 4m u = 2m/s d = 2m/s r = 2m/s a = 4s	31	4
10	1			32	2
11	3				
12	3	22	3		
PART 3. LINEAR MOTION					
1	4	13	1	23	2
2	2	14	n. 11m, 7 m, 14 m	24	4
3	4		v. 22m	25	4
4	25 m		n. 44	26	1
5	1	15	4	27	3
6	2	16	4	28	4
7	2	17	4	29	n. 15 m จากพื้นลิฟต์ v. 4 m
8	1	18	10 m/s ²		
9	53.33 m	19	4	30	1
10	2	20	3	31	3
11	2	21	2	32	4
12	2	22	2		
PART 4. LINEAR MOTION					
1	2	13	2	25	1
2	3	14	2	26	3
3	2	15	4	27	1
4	1	16	1	28	2
5	4	17	3	29	3
6	72 m	18	n. 17.47 s	30	1
7	2		v. 297.75 m	31	4
8	4	19	1	32	1
9	1	20	5 m/s		
10	3	21	1		
11	2	22	3		
12	46 m/s	23	2		
	105.8 m	24	4		

PART 1. NEWTON'S LAWS OF MOTION					
ข้อ	คำตอบ	ข้อ	คำตอบ	ข้อ	คำตอบ
1	3	12	2	23	2
2	1	13	8 m/s ²	24	2
3	3	14	4	25	$2\sqrt{\frac{R}{g}}$
4	3	15	500		
5	4	16	4	26	9
6	4	17	1	27	4
7	2.5	18	2.25	28	1
8	1	19	1	29	2
9	4.88 m/s, ไม่ถึง	20	2	30	3
10	1	21	3		
11	1	22	1		
PART 2. NEWTON'S LAWS OF MOTION					
1	3	11	1	21	n. 0.5 m/s ² v. -
2	1.5 X 10 ⁴	12	4		
3	2	13	0.4, 4.8	22	4
4	3	14	1	23	2
5	1	15	88.9, 22.2	24	4
6	1	16	3	25	4
7	1	17	-	26	3
8	4	18	4	27	$\frac{G(m_1+m_2)}{d^2}$
9	2	19	2		
10	2	20	1	28	4
PART 3. NEWTON'S LAWS OF MOTION					
1	4	11	1	21	3
2	3	12	1	22	4
3	1	13	4	23	4
4	1	14	2	24	3
5	2	15	4	25	1
6	2	16	4	26	1
7	0.5	17	1	27	7
8	2	18	2	28	0.5
9	2	19	4	29	1
10	4	20	2		
PART 4. NEWTON'S LAWS OF MOTION					
1	4	12	(1) 2.45 m/s	20	3
2	1		(2) 0.5 s	21	4
3	4		(3) 73.5 N	22	1
4	1		(4) 98 N	23	3
5	5	13	3	24	3
6	2	14	6.66	25	110.5
7	4	15	4	26	4
8	3	16	4	27	4
9	3	17	4	28	1
10	3	18	160	29	1
11	2	19	4	30	2