



**The Brain and Facial Nerve**

The brain is the central organ of the nervous system. It is located in the head, protected by the skull and meninges. The brain is divided into three main parts: the cerebrum, the cerebellum, and the brainstem. The cerebrum is the largest part of the brain and is responsible for most of the higher functions of the brain, such as thought, memory, and emotion. The cerebellum is located at the back and bottom of the brain and is responsible for coordination and balance. The brainstem is the part of the brain that connects the cerebrum and cerebellum to the spinal cord. It is responsible for basic life functions, such as breathing and heart rate.

The facial nerve is one of the twelve pairs of cranial nerves. It is responsible for the motor and sensory functions of the face. The motor function of the facial nerve is to control the muscles of the face, such as the muscles of the eye, nose, mouth, and chin. The sensory function of the facial nerve is to carry information from the face to the brain, such as the sense of touch, pain, and temperature.

1	2	3	4	5	6	7	8	9	10	11	12
13	14	15	16	17	18	19	20	21	22	23	24
25	26	27	28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45	46	47	48
49	50	51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81	82	83	84
85	86	87	88	89	90	91	92	93	94	95	96
97	98	99	100	101	102	103	104	105	106	107	108
109	110	111	112	113	114	115	116	117	118	119	120

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The following table shows the results of the experiment. The first column shows the trial number, the second column shows the time taken for the reaction to occur, and the third column shows the distance traveled by the object. The data shows that the time taken for the reaction to occur increases as the distance traveled by the object increases. This is because the object has to travel a longer distance before it reaches the person's hand, and it takes more time for the person to react to the object's presence.

Trial	Time (s)	Distance (m)
1	0.15	0.15
2	0.18	0.18
3	0.20	0.20
4	0.22	0.22
5	0.25	0.25
6	0.28	0.28
7	0.30	0.30
8	0.32	0.32
9	0.35	0.35
10	0.38	0.38
11	0.40	0.40
12	0.42	0.42
13	0.45	0.45
14	0.48	0.48
15	0.50	0.50
16	0.52	0.52
17	0.55	0.55
18	0.58	0.58
19	0.60	0.60
20	0.62	0.62
21	0.65	0.65
22	0.68	0.68
23	0.70	0.70
24	0.72	0.72
25	0.75	0.75
26	0.78	0.78
27	0.80	0.80
28	0.82	0.82
29	0.85	0.85
30	0.88	0.88
31	0.90	0.90
32	0.92	0.92
33	0.95	0.95
34	0.98	0.98
35	1.00	1.00
36	1.02	1.02
37	1.05	1.05
38	1.08	1.08
39	1.10	1.10
40	1.12	1.12
41	1.15	1.15
42	1.18	1.18
43	1.20	1.20
44	1.22	1.22
45	1.25	1.25
46	1.28	1.28
47	1.30	1.30
48	1.32	1.32
49	1.35	1.35
50	1.38	1.38
51	1.40	1.40
52	1.42	1.42
53	1.45	1.45
54	1.48	1.48
55	1.50	1.50
56	1.52	1.52
57	1.55	1.55
58	1.58	1.58
59	1.60	1.60
60	1.62	1.62
61	1.65	1.65
62	1.68	1.68
63	1.70	1.70
64	1.72	1.72
65	1.75	1.75
66	1.78	1.78
67	1.80	1.80
68	1.82	1.82
69	1.85	1.85
70	1.88	1.88
71	1.90	1.90
72	1.92	1.92
73	1.95	1.95
74	1.98	1.98
75	2.00	2.00
76	2.02	2.02
77	2.05	2.05
78	2.08	2.08
79	2.10	2.10
80	2.12	2.12
81	2.15	2.15
82	2.18	2.18
83	2.20	2.20
84	2.22	2.22
85	2.25	2.25
86	2.28	2.28
87	2.30	2.30
88	2.32	2.32
89	2.35	2.35
90	2.38	2.38
91	2.40	2.40
92	2.42	2.42
93	2.45	2.45
94	2.48	2.48
95	2.50	2.50
96	2.52	2.52
97	2.55	2.55
98	2.58	2.58
99	2.60	2.60
100	2.62	2.62