

610800 - Pediatric Near Contrast Test 100%

Testing distance of 16in/40cm

Letter Size	Decimal	LogMAR		Distance Equivalents		
				Foot	Meter	Diopters
8.0M	.05	1.3	☰ ☱ ○ ☲ ♥	20/400	6/120	20D
6.3M	.063	1.2	○ ☰ ♥ ○ ☱	20/320	6/95	15D
5.0M	.08	1.1	♥ ☱ ☰ ♥ ○	20/250	6/75	12D
4.0M	.10	1.0	☱ ☰ ♥ ○ ☰	20/200	6/60	10D
3.2M	.12	0.9	☰ ☱ ○ ♥ ☱	20/160	6/48	8D
2.5M	.16	0.8	○ ♥ ☱ ☰ ♥	20/125	6/38	6D
2.0M	.20	0.7	♥ ☱ ☰ ○ ☰	20/100	6/30	5D
1.6M	.25	0.6	☱ ♥ ○ ☰ ☱	20/80	6/24	4D
1.25M	.32	0.5	☰ ☱ ♥ ☱ ○	20/63	6/19	3D
1.0M	.40	0.4	♥ ○ ☱ ♥ ☰	20/50	6/15	2.5D
.80M	.50	0.3	○ ☱ ○ ☰ ♥	20/40	6/12	
.63M	.63	0.2	☱ ○ ☱ ♥ ☰	20/32	6/9.5	
.50M	.80	0.1	○ ☱ ♥ ☰ ○	20/25	6/7.5	
.40M	1.0	0.0	☰ ♥ ☱ ○ ♥	20/20	6/6	
.32M	1.25	-0.1	♥ ☰ ○ ☱ ○	20/16	6/4.8	
.25M	1.6	-0.2	☱ ♥ ☰ ○ ☱	20/12.5	6/3.8	
.20M	2.0	-0.3	○ ☰ ♥ ☱ ☰	20/10	6/3	

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8.0M	.05	1.3	5 9 8 9 6	20/400	6/120	20D
6.3M	.063	1.2	8 5 6 8 9	20/320	6/95	15D
5.0M	.08	1.1	6 9 5 6 8	20/250	6/75	12D
4.0M	.10	1.0	9 5 6 8 5	20/200	6/60	10D
3.2M	.12	0.9	5 9 8 6 9	20/160	6/48	8D
2.5M	.16	0.8	8 6 9 5 6	20/125	6/38	6D
2.0M	.20	0.7	6 9 5 8 5	20/100	6/30	5D
1.6M	.25	0.6	9 6 8 5 9	20/80	6/24	4D
1.25M	.32	0.5	5 9 6 9 8	20/63	6/19	3D
1.0M	.40	0.4	6 8 9 6 5	20/50	6/15	2.5D
.80M	.50	0.3	8 9 8 5 6	20/40	6/12	
.63M	.63	0.2	9 8 5 6 9	20/32	6/9.5	
.50M	.80	0.1	8 9 6 5 8	20/25	6/7.5	
.40M	1.0	0.0	5 6 9 8 6	20/20	6/6	
.32M	1.25	-0.1	6 5 8 9 8	20/16	6/4.8	
.25M	1.6	-0.2	9 6 5 8 9	20/12.5	6/3.8	
.20M	2.0	-0.3	8 5 6 9 5	20/10	6/3	

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6.3M	.063	1.2	◻ ♡ ◡ ○ ♡	20/320	6/95	15D
5.0M	.08	1.1	○ ◡ ♡ ◻ ◡	20/250	6/75	12D
4.0M	.10	1.0	♡ ○ ◡ ◻ ○	20/200	6/60	10D
3.2M	.12	0.9	◡ ○ ◻ ◡ ♡	20/160	6/48	8D
2.5M	.16	0.8	◻ ○ ◡ ♡ ◻	20/125	6/38	6D
2.0M	.20	0.7	○ ◻ ○ ◡ ♡	20/100	6/30	5D
1.6M	.25	0.6	♡ ○ ◡ ♡ ◻	20/80	6/24	4D
1.25M	.32	0.5	◡ ◻ ♡ ◡ ○	20/63	6/19	3D
1.0M	.40	0.4	○ ◻ ◡ ○ ♡	20/50	6/15	2.5D
.80M	.50	0.3	♡ ◡ ◻ ○ ◡	20/40	6/12	
.63M	.63	0.2	◻ ♡ ◡ ◻ ○	20/32	6/9.5	
.50M	.80	0.1	◡ ♡ ○ ♡ ◻	20/25	6/7.5	
.40M	1.0	0.0	○ ◻ ♡ ◻ ◡	20/20	6/6	
.32M	1.25	-0.1	◡ ○ ◻ ◡ ♡	20/16	6/4.8	

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2.0M	.20	0.7	8 5 6 8 9	20/100	6/30	5D
1.6M	.25	0.6	6 9 5 6 8	20/80	6/24	4D
1.25M	.32	0.5	6 9 8 9 5	20/63	6/19	3D
1.0M	.40	0.4	5 8 6 9 6	20/50	6/15	2.5D
.80M	.50	0.3	8 6 5 9 8	20/40	6/12	
.63M	.63	0.2	6 8 6 5 9	20/32	6/9.5	
.50M	.80	0.1	9 6 5 9 8	20/25	6/7.5	
.40M	1.0	0.0	8 5 9 6 5	20/20	6/6	
.32M	1.25	-0.1	5 9 5 8 6	20/16	6/4.8	

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				Foot	Meter	Diopters
8.0M	.05	1.3	⬆️ ◻ ○ ◻ ♥	20/400	6/120	20D
6.3M	.063	1.2	◻ ○ ♥ ⬆️ ○	20/320	6/95	15D
5.0M	.08	1.1	○ ♥ ⬆️ ◻ ♥	20/250	6/75	12D
4.0M	.10	1.0	⬆️ ○ ♥ ⬆️ ◻	20/200	6/60	10D
3.2M	.12	0.9	◻ ♥ ○ ◻ ⬆️	20/160	6/48	8D
2.5M	.16	0.8	○ ⬆️ ◻ ♥ ○	20/125	6/38	6D
2.0M	.20	0.7	♥ ◻ ○ ◻ ⬆️	20/100	6/30	5D
1.6M	.25	0.6	⬆️ ○ ♥ ⬆️ ○	20/80	6/24	4D
1.25M	.32	0.5	○ ♥ ⬆️ ◻ ♥	20/63	6/19	3D
1.0M	.40	0.4	♥ ○ ♥ ⬆️ ◻	20/50	6/15	2.5D
.80M	.50	0.3	◻ ♥ ○ ◻ ⬆️	20/40	6/12	
.63M	.63	0.2	○ ⬆️ ◻ ♥ ○	20/32	6/9.5	
.50M	.80	0.1	⬆️ ♥ ⬆️ ○ ◻	20/25	6/7.5	
.40M	1.0	0.0	◻ ⬆️ ○ ♥ ⬆️	20/20	6/6	
.32M	1.25	-0.1	○ ◻ ♥ ⬆️ ♥	20/16	6/4.8	

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8.0M	.05	1.3	8 5 9 6 9	20/400	6/120	20D
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4.0M	.10	1.0	9 5 9 8 6	20/200	6/60	10D
3.2M	.12	0.9	6 9 5 8 5	20/160	6/48	8D
2.5M	.16	0.8	5 9 8 9 6	20/125	6/38	6D
2.0M	.20	0.7	8 5 6 8 9	20/100	6/30	5D
1.6M	.25	0.6	6 9 5 6 8	20/80	6/24	4D
1.25M	.32	0.5	9 5 6 8 5	20/63	6/19	3D
1.0M	.40	0.4	5 9 8 6 9	20/50	6/15	2.5D
.80M	.50	0.3	8 6 9 5 6	20/40	6/12	
.63M	.63	0.2	6 9 5 8 5	20/32	6/9.5	
.50M	.80	0.1	9 6 8 5 9	20/25	6/7.5	
.40M	1.0	0.0	5 9 6 9 8	20/20	6/6	
.32M	1.25	-0.1	6 8 9 6 5	20/16	6/4.8	

610800 - Pediatric Near Contrast Test 5%

Testing distance of 16in/40cm

Letter Size	Decimal	LogMAR		Distance Equivalents		
				Foot	Meter	Diopters
8.0M	.05	1.3	♡ ○ □ ♡ 𠃊	20/400	6/120	20D
6.3M	.063	1.2	○ □ ○ 𠃊 ♡	20/320	6/95	15D
5.0M	.08	1.1	□ ○ □ ♡ 𠃊	20/250	6/75	12D
4.0M	.10	1.0	○ □ ♡ 𠃊 ○	20/200	6/60	10D
3.2M	.12	0.9	𠃊 ♡ □ ○ ♡	20/160	6/48	8D
2.5M	.16	0.8	♡ 𠃊 ○ □ ○	20/125	6/38	6D
2.0M	.20	0.7	□ ♡ 𠃊 ○ □	20/100	6/30	5D
1.6M	.25	0.6	○ 𠃊 ♡ □ 𠃊	20/80	6/24	4D
1.25M	.32	0.5	𠃊 □ ♡ □ ○	20/63	6/19	3D
1.0M	.40	0.4	□ 𠃊 ○ □ ♡	20/50	6/15	2.5D
.80M	.50	0.3	○ 𠃊 ♡ ○ □	20/40	6/12	
.63M	.63	0.2	♡ □ 𠃊 ♡ ○	20/32	6/9.5	
.50M	.80	0.1	□ 𠃊 ♡ ○ 𠃊	20/25	6/7.5	
.40M	1.0	0.0	𠃊 □ ○ ♡ □	20/20	6/6	
.32M	1.25	-0.1	○ ♡ □ 𠃊 ♡	20/16	6/4.8	

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Testing distance of 16in/40cm

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				Foot	Meter	Diopters
8.0M	.05	1.3	5 6 8 9 8	20/400	6/120	20D
6.3M	.063	1.2	6 5 9 8 9	20/320	6/95	15D
5.0M	.08	1.1	8 9 6 5 8	20/250	6/75	12D
4.0M	.10	1.0	9 6 8 9 5	20/200	6/60	10D
3.2M	.12	0.9	5 8 6 5 9	20/160	6/48	8D
2.5M	.16	0.8	6 9 5 8 6	20/125	6/38	6D
2.0M	.20	0.7	8 6 8 9 5	20/100	6/30	5D
1.6M	.25	0.6	6 8 9 5 9	20/80	6/24	4D
1.25M	.32	0.5	5 9 6 8 5	20/63	6/19	3D
1.0M	.40	0.4	6 5 8 9 8	20/50	6/15	2.5D
.80M	.50	0.3	9 6 5 8 6	20/40	6/12	
.63M	.63	0.2	8 5 9 6 9	20/32	6/9.5	
.50M	.80	0.1	5 9 6 8 5	20/25	6/7.5	
.40M	1.0	0.0	6 8 5 9 8	20/20	6/6	
.32M	1.25	-0.1	9 5 9 8 6	20/16	6/4.8	

610800 - Pediatric Near Contrast Test 2.5%

Testing distance of 16in/40cm

Letter Size	Decimal	LogMAR		Distance Equivalents		
				Foot	Meter	Diopters
8.0M	.05	1.3	□ ♥ ◡ ○ ♥	20/400	6/120	20D
6.3M	.063	1.2	○ ◡ ♥ □ ◡	20/320	6/95	15D
5.0M	.08	1.1	♥ ○ ◡ □ ○	20/250	6/75	12D
4.0M	.10	1.0	◡ ○ □ ◡ ♥	20/200	6/60	10D
3.2M	.12	0.9	○ □ ◡ ♥ □	20/160	6/48	8D
2.5M	.16	0.8	□ ♥ ○ ♥ ◡	20/125	6/38	6D
2.0M	.20	0.7	◡ □ ♥ ○ □	20/100	6/30	5D
1.6M	.25	0.6	♥ ◡ ○ □ ○	20/80	6/24	4D
1.25M	.32	0.5	□ ♥ ◡ ○ ♥	20/63	6/19	3D
1.0M	.40	0.4	○ ◡ ♥ □ ◡	20/50	6/15	2.5D
.80M	.50	0.3	♥ ○ ◡ □ ○	20/40	6/12	
.63M	.63	0.2	◡ ○ □ ◡ ♥	20/32	6/9.5	
.50M	.80	0.1	□ ○ ◡ ♥ □	20/25	6/7.5	
.40M	1.0	0.0	○ □ ○ ◡ ♥	20/20	6/6	
.32M	1.25	-0.1	♥ ○ ◡ ♥ □	20/16	6/4.8	

610800 - Pediatric Near Contrast Test 2.5%

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				Foot	Meter	Diopters
8.0M	.05	1.3	9 6 5 6 8	20/400	6/120	20D
6.3M	.063	1.2	6 9 8 9 5	20/320	6/95	15D
5.0M	.08	1.1	5 8 6 9 6	20/250	6/75	12D
4.0M	.10	1.0	8 6 5 9 8	20/200	6/60	10D
3.2M	.12	0.9	6 8 6 5 9	20/160	6/48	8D
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2.0M	.20	0.7	8 5 9 6 5	20/100	6/30	5D
1.6M	.25	0.6	5 9 5 8 6	20/80	6/24	4D
1.25M	.32	0.5	6 9 8 9 5	20/63	6/19	3D
1.0M	.40	0.4	9 8 6 5 8	20/50	6/15	2.5D
.80M	.50	0.3	8 6 5 9 6	20/40	6/12	
.63M	.63	0.2	5 8 6 5 9	20/32	6/9.5	
.50M	.80	0.1	6 9 5 8 5	20/25	6/7.5	
.40M	1.0	0.0	5 9 8 9 6	20/20	6/6	
.32M	1.25	-0.1	8 5 6 8 9	20/16	6/4.8	

610800 - Pediatric Near Contrast Test 1.25%

Testing distance of 16in/40cm

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				Foot	Meter	Diopters
8.0M	.05	1.3	○ □ ○ 𠃊 ♥	20/400	6/120	20D
6.3M	.063	1.2	♥ ○ 𠃊 ♥ □	20/320	6/95	15D
5.0M	.08	1.1	𠃊 □ ♥ 𠃊 ○	20/250	6/75	12D
4.0M	.10	1.0	○ □ 𠃊 ○ ♥	20/200	6/60	10D
3.2M	.12	0.9	♥ 𠃊 □ ○ 𠃊	20/160	6/48	8D
2.5M	.16	0.8	□ ♥ 𠃊 □ ○	20/125	6/38	6D
2.0M	.20	0.7	𠃊 ♥ ○ ♥ □	20/100	6/30	5D
1.6M	.25	0.6	○ □ ♥ □ 𠃊	20/80	6/24	4D
1.25M	.32	0.5	𠃊 ○ □ 𠃊 ♥	20/63	6/19	3D
1.0M	.40	0.4	♥ 𠃊 ○ □ ○	20/50	6/15	2.5D
.80M	.50	0.3	□ ♥ 𠃊 ○ ♥	20/40	6/12	
.63M	.63	0.2	○ 𠃊 ♥ □ 𠃊	20/32	6/9.5	
.50M	.80	0.1	♥ ○ 𠃊 □ ○	20/25	6/7.5	
.40M	1.0	0.0	𠃊 ○ □ 𠃊 ♥	20/20	6/6	
.32M	1.25	-0.1	□ ○ 𠃊 ♥ □	20/16	6/4.8	

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6.3M	.063	1.2	9 5 6 8 5	20/320	6/95	15D
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.50M	.80	0.1	6 5 8 9 8	20/25	6/7.5	
.40M	1.0	0.0	9 6 5 8 9	20/20	6/6	
.32M	1.25	-0.1	8 5 6 9 5	20/16	6/4.8	