



Converting Visual Acuity Results

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Visual acuity is normally measured at a distance of 20 feet (6 metres). If the test has to be conducted at a shorter distance, the result can easily be converted to the standard 20 feet (6 metre) notation.

For example, if visual acuity is tested at 9 feet and the result is the 20/50 symbol. This is a measurement of 9/50 at 3 metres; equivalent to 20/111 at 20 feet.

20/20 CONVERSIONS

A conversion table for 6 metres is already included at the back of the book of *Hanks Paediatric Test Cards*.

For those who prefer to use the 20 feet notation, a corresponding conversion table has been prepared for this download . . .

Converting the Measured VA for the Testing Distance

Distance visual acuity (VA) is normally tested at a distance of 20 feet (6 metres), so "normal vision" is 20/20 (or 6/6 metric).

If a shorter distance is used, the result can still be converted to the equivalent visual acuity at 20 feet.

As shown in the table below, if the flash-card labelled 20/50 is the best result at 9 feet, then the VA is 9/50 and this is the equivalent of 20/111.

VA Label	Testing Distance						
	20 Ft	15 ft	12 ft	9 Ft	6 Ft	3 Ft	16 In
20/200	20/200	20/267	20/333	20/444	20/667	20/1333	20/3000
20/150	20/150	20/200	20/250	20/333	20/500	20/1000	20/2250
20/100	20/100	20/133	20/167	20/222	20/333	20/667	20/1500
20/67	20/67	20/89	20/112	20/149	20/223	20/447	20/1000
20/50	20/50	20/67	20/83	20/111	20/167	20/333	20/750
20/40	20/40	20/53	20/67	20/89	20/133	20/267	20/600
20/30	20/30	20/40	20/50	20/67	20/100	20/200	20/450
20/20	20/20	20/27	20/33	20/44	20/67	20/133	20/300
20/13	20/13	20/17	20/22	20/29	20/43	20/87	20/195