



Converting Visual Acuity Results

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

For example, if visual acuity is tested at 3 metres and the result is the 6/20 symbol. This is a measurement of 3/20 at 3 metres; equivalent to 6/40 at 6 metres.

6/6 CONVERSIONS

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

The same table is repeated below for this download . . .

Converting the Measured VA for the Testing Distance

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

If a shorter distance is used, the result can still be converted to the equivalent visual acuity at 6 metres.

As shown in the table below, if the flash-card labelled 6/20 is the best result at 3 metres, then the VA is 3/20 and this is the equivalent of 6/40.

| VA Label | Testing Distance | | | | | | |
|----------|------------------|------|------|-------|-------|-------|-------|
| | 6M | 5M | 4M | 3M | 2M | 1M | 40cm |
| 6/60 | 6/60 | 6/72 | 6/90 | 6/120 | 6/180 | 6/360 | 6/900 |
| 6/45 | 6/45 | 6/54 | 6/68 | 6/90 | 6/135 | 6/270 | 6/675 |
| 6/30 | 6/30 | 6/36 | 6/45 | 6/60 | 6/90 | 6/180 | 6/450 |
| 6/20 | 6/20 | 6/24 | 6/30 | 6/40 | 6/60 | 6/120 | 6/300 |
| 6/15 | 6/15 | 6/18 | 6/23 | 6/30 | 6/45 | 6/90 | 6/225 |
| 6/12 | 6/12 | 6/14 | 6/18 | 6/24 | 6/36 | 6/72 | 6/180 |
| 6/9 | 6/9 | 6/11 | 6/14 | 6/18 | 6/27 | 6/54 | 6/135 |
| 6/6 | 6/6 | 6/7 | 6/9 | 6/12 | 6/18 | 6/36 | 6/90 |
| 6/4 | 6/4 | 6/5 | 6/6 | 6/8 | 6/12 | 6/24 | 6/60 |