A picture containing text, orange

Description automatically generated

1. -1



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 1 | 0111 1111 | 000 0000 0000 0000 0000 0000 | 0xbf800000 |

1. Smallest Positive Value > 1



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 0111 1111 | 000 0000 0000 0000 0000 0001 | 0x3f800001 |

1. Smallest Positive Value > 0



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 0000 0000 | 000 0000 0000 0000 0000 0001 | 0x00000001 |

1. Largest Positive Denorm



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 0000 0000 | 111 1111 1111 1111 1111 1111 | 0x00000001 |

1. Largest Positive Norm



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 1111 1110 | 111 1111 1111 1111 1111 1111 | 0x7f7fffff |

1. +Infinity



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 1111 1111 | 000 0000 0000 0000 0000 0000 | 0x7f800000 |

1. 2-128



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 0 | 0000 0000 | 010 0000 0000 0000 0000 0000 | 0x00200000 |

1. -2-68



|  |  |  |  |
| --- | --- | --- | --- |
| S | Exp | Frac | Hex |
| 1 | 0011 1011 | 000 0000 0000 0000 0000 0000 | 0x9d800000 |

1. 1536

