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| Nucleus of an atom | $0.000 000 000 000 01$ m | $1×10^{-14}$ m |
| Length of a virus | $0.000 000 2$ m | $2×10^{-7}$ m |
| Diameter of the eye of a fly | $0.000 8$ m | $8×10^{-4}$ m |
| Diameter of a 1p coin | $0.02$ m | $2×10^{-2}$ m |
| Height of a door | $2$ m | $2×10^{0}$ m |
| Height of a tall skyscraper | $400$ m | $4×10^{2}$ m |
| Height of a mountain | $8 000$ m | $8×10^{3}$ m |
| Distance between two furthest places on earth | $20 000 000$ m | $2×10^{7}$ m |
| Distance from earth to moon | $400 000 000$ m | $4×10^{8}$ m |
| Size of a galaxy | $800 000 000 000 000 000 000$ m | $8×10^{20}$ m |