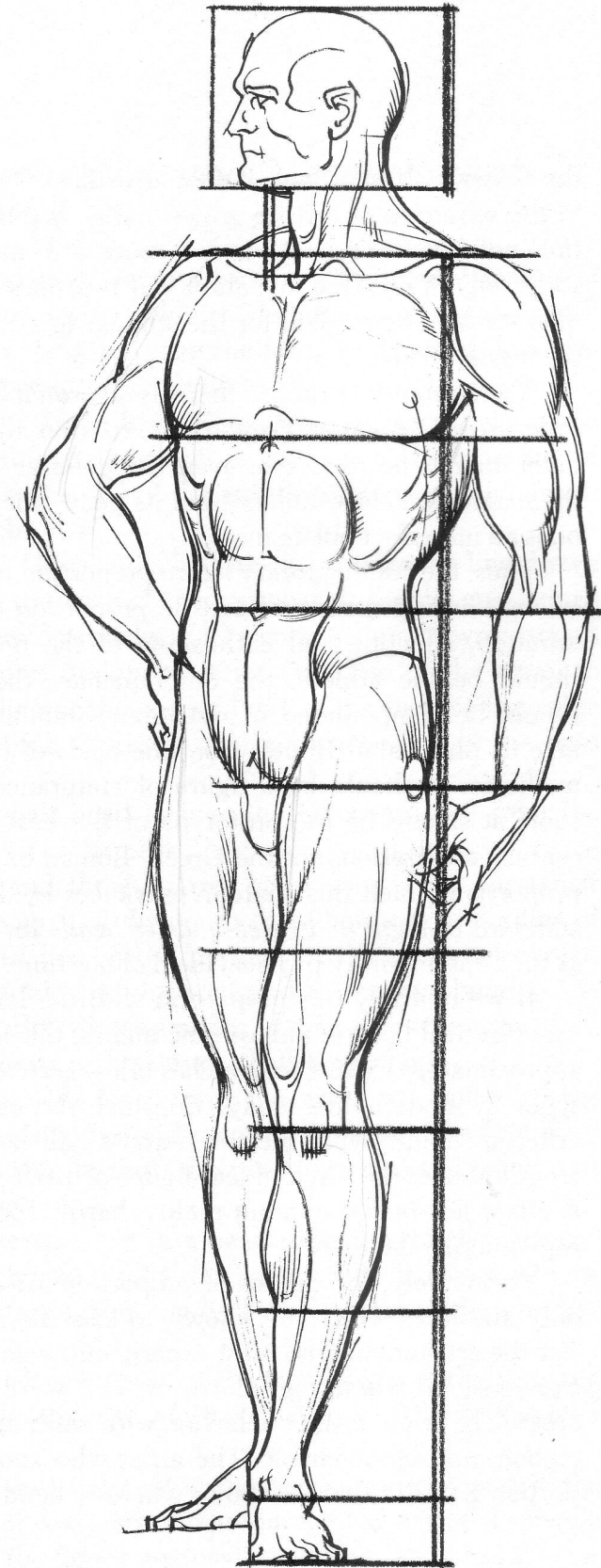


General Proportions and Measurements of the Figure

The figure advanced here departs from the traditional length of seven and one-half heads, and is established at *eight and three-quarter heads* for the total figure length. Using the head as a unit of measurement to determine its proportions, the divisions are as follows:

1. *The Front Torso*: Three heads long, from a line drawn across the shoulders to the pubic arch, it divides (a) across the base line of the pectorals; (b) across the line of the umbilicus or navel; (c) across the line of the pubic arch.
2. *The Back Torso*: Three and a half heads long, from a line drawn across the shoulders to the base of the buttocks, it divides (a) across the base line of the shoulder blades; (b) across a line drawn through the center of the externus oblique muscles (the line of the navel in front); (c) across the line of the coccyx bone at the base of the spine (the line of the pubic arch in front); (d) across the line of the base of the buttocks.
3. *The Neck*: One-half head long in the erect position, from the point of the chin to the pit of the neck.
4. *The Arm*: Two and three-quarter heads long, from the collar bone attachment to the wrist, it divides at the elbow across the line of the umbilicus. The wrist lies on the position of the great trochanter, across the line of the pubic arch in front and the coccyx bone in the rear. The hand length adds three-quarters of a head to the arm; thus, the total length of the arms is three and a half heads long.
5. *The Leg*: Four heads long, from the great trochanter to the high inner ankle bone, it divides mid-point at the knee. The foot adds one-fourth head to the length; thus, the total length of the leg is four and a quarter heads long.
6. *The Hand*: Three-quarters of a head in length, or the distance from the point of the chin to the hairline; the width is one-quarter of a head wide, or the distance from the base of the nose to the point of the chin.
7. *The Foot*: The foot length is equal to the length of the forearm, or one and a third heads long; the width at the front of the foot is one-half head wide.



From the book: Dynamic Figure Drawing by Burne Hogarth