Miner Drawing Easy: Helmet, Tool Placement and Pose

Topic reference / ordinary illustration



Ordinary topic reference. Hypothetical dimensions in the four tasks are supplied in their own text; this illustration is not their measured answer.

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Worked example / complete source key

A learner draws a miner with a helmet and a short pick. The head is 3 cm tall, the brim sits 1 cm below the top of the head, and the lamp is 1 cm wide. The pick handle is 6 cm long and passes through the hand at waist height. Check the helmet and tool placement using simple arithmetic.

Answer: The brim is 1 cm below the top of a 3 cm head, so it sits at 2 cm from the top, which is above the eye line if the eyes are near the midline at 1.5 cm. The lamp width is 1 cm, about one third of the 3 cm head width, so it is proportionate. The pick handle is 6 cm, which equals two 3 cm head heights, matching the hypothetical two-body-unit tool length. The handle passes through the hand at waist height, so the grip is acceptable. Adjust only if the brim crosses the eyes or the handle enters the wrist.