Boulder Drawing: Faceted Planes and Cast Shadow

Original tasks 1, 2 / independent work

Task 1

A boulder outline is ten centimeters wide and seven centimeters tall with four facets. Light comes from upper left. Facet 1 faces upper left, facet 2 faces up, facet 3 faces right, facet 4 faces down. Assign L, M, or D to each facet and state the shadow direction.

Task 2

A drawing shows a boulder with light from upper left, but the cast shadow extends to the upper left. The darkest facet is on the upper-left side. Identify two errors and state the corrections.

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Original tasks 3, 4 / independent work

Task 3

A boulder has five facets labeled L, L, M, D, D. The artist shades all five with the same medium pressure. Describe the correction and the expected visual result.

Task 4

A cast shadow is drawn uniformly dark from contact point to far edge. The boulder base is eight centimeters wide and the shadow extends six centimeters to the lower right. Describe how to adjust the shadow values and why.