Dragon Scale Armor Drawing: Overlapping Rows and Edge Shading

Original tasks 1, 2, 3 / complete keys

Task 1

Draw one row of four scales. Use, for example, scales 3 cm wide and 2 cm tall (chosen example values) with 1 cm overlap. Shade the visible lower edges.

Answer: Four scales with centers 3 cm apart; each overlaps the previous by 1 cm, leaving 2 cm visible width. Shade a narrow band along each visible lower edge.

Reason: Centers spaced by scale width keep size consistent; 1 cm overlap is one third of 3 cm, a simple repeatable convention.

Check: Count four scales; measure two overlap gaps near 1 cm; confirm shading only on visible lower edges.

Task 2

Draw two rows of three scales. Use, for example, scales 2 cm wide and 1.5 cm tall (chosen example values), overlap 0.5 cm, offset row two by 1 cm, and place row two so its tops sit 0.5 cm above row one's bottoms. Shade visible edges.

Answer: Row one: three scales, centers 2 cm apart, 0.5 cm overlap. Row two: same size, offset 1 cm right, placed so its tops sit 0.5 cm above row one's bottoms (that is, 1 cm below row one's tops). Shade visible lower edges only.

Reason: Half-width offset staggers rows; 0.5 cm overlap is one quarter of 2 cm and easy to check.

Check: Count three scales per row; measure overlap gaps near 0.5 cm; confirm row two is offset and shading is on visible edges.

Task 3

Draw three rows of five scales. Use, for example, scales 1.5 cm wide and 1 cm tall (chosen example values), overlap 0.5 cm, offset row two by 0.75 cm, and align row three with row one. Shade visible edges.

Answer: Three rows of five scales; centers 1.5 cm apart; 0.5 cm overlap leaves 1 cm visible width. Row two offset 0.75 cm; row three aligned with row one. Shade visible lower edges.

Reason: Alternating offset creates a woven look; 0.5 cm overlap is one third of 1.5 cm.

Check: Count five scales per row; measure two overlap gaps near 0.5 cm; check alternating offsets and shading consistency.

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Original tasks 4 / complete keys

Task 4

Draw two rows of four scales. Use, for example, scales 2.5 cm wide and 1.8 cm tall (chosen example values), overlap 0.8 cm, and offset row two by 1.25 cm. Use hatching for edge shading.

Answer: Two rows of four scales; centers 2.5 cm apart; 0.8 cm overlap leaves 1.7 cm visible width. Row two offset 1.25 cm. Hatch a narrow band along visible lower edges, darkest at the bottom.

Reason: Offset by half width staggers rows; 0.8 cm overlap is close to one third of 2.5 cm and checkable with a ruler.

Check: Count four scales per row; measure overlap gaps near 0.8 cm; confirm hatching is only on visible lower edges and fades upward.

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Source rubric / reflection

- [ ] Rows are clearly separated and staggered.
- [ ] Overlap is consistent within each row.
- [ ] Scale size is consistent within each row.
- [ ] Edge shading is present on visible lower edges only.
- [ ] Shading direction and band width are consistent.
- [ ] Pattern reads as layered armor, not separate tiles.
- [ ] Valid style variations are accepted if checks pass.

Reflection: What did you check, what did you change, and what will you try next?