Draw a Lemon Wedge: Rind, Segments, and Juice Droplets

Original tasks 1, 2 / complete keys

Task 1

Draw a lemon wedge pointing left with a rind arc on the right. Use four segments and three droplets. State your hypothetical rind arc length.

Answer: A drawing with a smooth rind arc on the right, a closed wedge outline meeting at a point on the left, four segment lines converging toward a small central zone, and three small droplets near the cut face. The stated arc length is a hypothetical example, such as 5 cm.

Reason: The orientation is reversed from the worked example, so the rind arc is on the right and the tip on the left. Four segments and three droplets stay within the recommended ranges.

Check: Check that the rind arc is smooth, the outline is closed, there are exactly four segment regions, and exactly three droplets smaller than one segment.

Task 2

Draw a lemon wedge pointing up with a rind arc at the bottom. Use six segments and five droplets. Keep all droplets outside the wedge outline.

Answer: A drawing with a smooth rind arc at the bottom, a closed wedge outline meeting at a point at the top, six segment lines converging toward a small central zone, and five small droplets placed outside the wedge outline near the cut face.

Reason: Pointing up changes the tip location to the top. Six segments is the upper end of the recommended range, and five droplets is the maximum. Placing droplets outside the outline tests separation from segment lines.

Check: Check that the tip is at the top, the rind arc is at the bottom, there are six segment regions, five droplets, and no droplet crosses the wedge outline.

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Original tasks 3, 4 / complete keys

Task 3

Draw a lemon wedge pointing right with a rind arc on the left. Use five segments. Add two droplets inside the wedge near the tip and two droplets outside the wedge. State one hypothetical droplet size.

Answer: A drawing with a smooth rind arc on the left, a closed wedge outline meeting at a point on the right, five segment lines converging toward a small central zone, two small droplets inside near the tip, and two small droplets outside. A hypothetical droplet size is 4 mm across.

Reason: Mixing inside and outside droplets tests placement control. The droplet size is a hypothetical example and should be smaller than one segment.

Check: Check that there are five segment regions, four droplets total, two inside and two outside, and that the stated droplet size is smaller than the smallest segment width.

Task 4

Draw a lemon wedge pointing down with a rind arc at the top. Use four segments and three droplets. Make one side of the wedge slightly longer than the other, but keep the difference small.

Answer: A drawing with a smooth rind arc at the top, a closed wedge outline meeting at a point at the bottom, four segment lines converging toward a small central zone, three small droplets, and one side slightly longer than the other by a small amount, such as 5 mm as a hypothetical example.

Reason: Pointing down places the tip at the bottom. A small asymmetry adds natural variation without breaking the wedge structure. The difference is stated as a hypothetical example.

Check: Check that the tip is at the bottom, the rind arc is at the top, there are four segment regions, three droplets, and the side length difference is small enough that the wedge still reads as a single slice.

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Source rubric / reflection

- [ ] Rind arc is smooth and continuous and reads as the outer edge of the wedge.
- [ ] Wedge outline is closed and the tip is roughly centered opposite the rind arc.
- [ ] Segment lines converge toward a small central zone and divide the flesh into four to six clear regions.
- [ ] Juice droplets are three to five small closed shapes placed near the cut face or just outside the wedge.
- [ ] Final drawing is clear enough that another person can identify the rind, segments, and droplets without explanation.

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