Middle School Art Worksheets: Value, Contour, and Color Mixing Drills

Original tasks 1, 2, 3 / complete keys

Task 1

Draw a four-step value scale (1 lightest to 4 darkest) in four squares. Check that adjacent steps look evenly spaced. Label each square.

Answer: A valid response has four labeled squares with visually even jumps between neighbors. Exact pencil pressures vary.

Reason: Even spacing is judged by comparing adjacent pairs; if one jump looks larger, adjust that square.

Check: Compare each adjacent pair side by side. If any jump looks clearly larger or smaller, revise that square and recheck.

Task 2

Draw one continuous contour line around a mug's outer edge, then a second contour line for the rim. Mark three points where your line changes direction.

Answer: A valid response has an unbroken outer line and a separate rim line, with three marked direction changes that match the mug.

Reason: Contour lines describe edges; direction changes should occur where the mug's edge turns.

Check: Place the drawing next to the mug and verify that each marked point corresponds to a visible turn on the mug.

Task 3

Predict the result of mixing equal parts red and yellow, then mix and record the actual result. Write one sentence comparing prediction and actual.

Answer: Prediction is typically orange; actual may differ slightly. A valid response records both and notes any difference.

Reason: Color mixing depends on materials; the drill checks prediction versus observation.

Check: Confirm that prediction was written before mixing and that the actual result is recorded next to it.

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Original tasks 4 / complete keys

Task 4

Build a color chart with three pairs: red+yellow, blue+yellow, red+blue. For each, write predicted and actual results. Circle any mismatch.

Answer: A valid response has three rows with predictions, actual results, and circled mismatches where applicable.

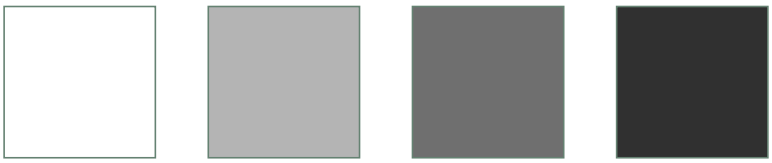
Reason: The chart organizes prediction and observation for comparison.

Check: Check that each row has both predicted and actual entries and that mismatches are circled with a brief reason.

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Task 1 / answers

Value, contour and paint prediction / printed illustrations are not measured learner results



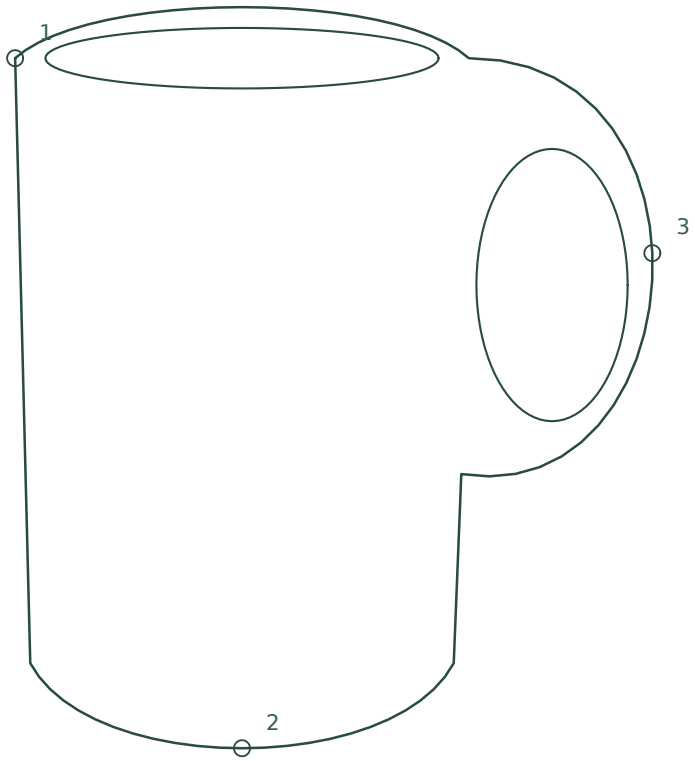
1 2 3 4

Print tones are illustrations. Make your own pencil scale in the empty squares and judge adjacent jumps on the actual paper. Digital lightness targets do not guarantee perceived steps on a printer, and no exact pencil pressure is specified.

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Task 2 / answers

Value, contour and paint prediction / printed illustrations are not measured learner results



Selected mug model: one unbroken outer contour, a separate rim contour, the visible inner handle edge, and three marked turns. Compare the marks with your real mug; no shading or measured learner performance is claimed.

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Task 3 / answers

Value, contour and paint prediction / printed illustrations are not measured learner results

Color A	Color B	Prediction	Actual / your paint
red	yellow	orange (prediction)	

These are typical named predictions only. Mix your own equal amounts, record the actual paint result in the empty final column, circle any mismatch and explain it. The printed RGB swatches are not a formula or a guarantee for pigments.

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Task 4 / answers

Value, contour and paint prediction / printed illustrations are not measured learner results

Color A	Color B	Prediction	Actual / your paint
red	yellow	orange (prediction)	
blue	yellow	green (prediction)	
red	blue	purple (prediction)	

These are typical named predictions only. Mix your own equal amounts, record the actual paint result in the empty final column, circle any mismatch and explain it. The printed RGB swatches are not a formula or a guarantee for pigments.

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Source rubric / reflection

- [ ] Value scale: all steps are labeled in order from lightest to darkest and adjacent steps look evenly spaced.
- [ ] Contour: lines are continuous and turn where the object turns.
- [ ] Color mixing: predictions are recorded before mixing and compared to actual results.
- [ ] Reasoning: each missed item has a one-sentence fix.
- [ ] Value labeling: steps are labeled in order from lightest to darkest, and adjacent steps are judged for even spacing consistently within the work.

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