Think Outside the Box Drawing Worksheet: Creative Partial-Shape Completion

Original tasks 1, 2 / complete keys

Task 1

A partial shape is a half-circle with the flat side down. Complete it into a drawing that is not a smile or a bowl. Describe the drawing and state one detail that makes the idea clear.

Answer: One valid completion is a hill with a small flag on top. The half-circle is the hill, and the flag makes the hill idea clear. Another valid completion is a boat hull with a mast line rising from the flat side.

Reason: The half-circle remains visible as the hill or hull, so use of the partial shape is satisfied. A hill with a flag is less obvious than a smile or bowl, supporting originality. The flag or mast is a single detail that makes the idea readable, supporting clarity.

Check: Ask: can the printed half-circle be pointed to in the drawing? Is the idea guessable from the drawing alone? Does the drawing avoid the two excluded obvious completions?

Task 2

A partial shape is a bent line shaped like a wide V. Complete it into a drawing that uses the V as a structural part. Describe the drawing and explain why it is not symmetry practice.

Answer: One valid completion is a bird in flight, with the V as the two wings and a small body added at the bend. Another valid completion is a mountain range with the V as a valley between two peaks.

Reason: The V is used as wings or as a valley, so the printed shape is structural. The completion is creative rather than a mirror image, so it is not symmetry practice. The body or the peaks make the idea clear.

Check: Confirm the V is visible and structural. Confirm the drawing is not a mirror image of the V. Ask whether another person could guess the idea from the drawing alone.

Think Outside the Box Drawing Worksheet: Creative Partial-Shape Completion

Original tasks 3, 4 / complete keys

Task 3

A partial shape is a short arc like a curved line. Complete it into a drawing that keeps the arc visible. Describe the drawing and give a self-check question the learner could use.

Answer: One valid completion is a rainbow over a small house, with the arc as the rainbow. Another valid completion is a fishing rod bending under a fish, with the arc as the rod. A self-check question is: 'Can I point to the arc in my drawing?'

Reason: The arc remains visible as the rainbow or rod, satisfying use of the partial shape. The house or fish adds clarity. The self-check question directly tests whether the printed shape is still findable.

Check: Point to the arc in the final drawing. Check that the added details do not cover the arc. Use the self-check question and revise if the arc is hard to find.

Task 4

A learner completes an open square missing one side into a window frame with a drawing inside. Score the work using the rubric and suggest one improvement if the total is below 6.

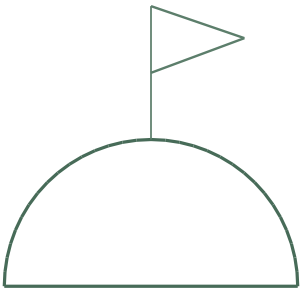
Answer: Hypothetical scoring: use of the partial shape 2 (open square is the frame), originality 1 (window frame is somewhat expected), clarity 2 (drawing inside is readable), care 1 (lines are uneven). Total 6. If the total were below 6, one improvement is to list three completions first and choose the least obvious one, which would raise originality.

Reason: The open square is clearly structural, so use of the partial shape is high. A window frame is a common completion, so originality is moderate. The drawing inside makes the idea clear. Uneven lines lower care. The improvement targets the weakest criterion.

Check: Re-score each criterion from 0 to 2 and add. Confirm the printed shape is visible. Check that the suggested improvement addresses the lowest-scoring criterion.

Task 1 / answers

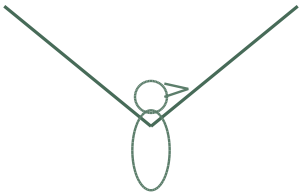
Original partial shape remains dark; additions are separate sample choices.



One valid completion only. Keep the supplied part visible and explain the new idea; alternative additions are allowed by the source rubric.

Task 2 / answers

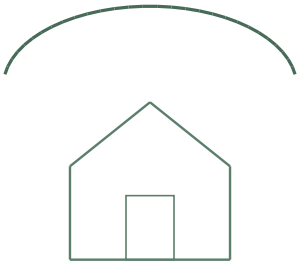
Original partial shape remains dark; additions are separate sample choices.



One valid completion only. Keep the supplied part visible and explain the new idea; alternative additions are allowed by the source rubric.

Task 3 / answers

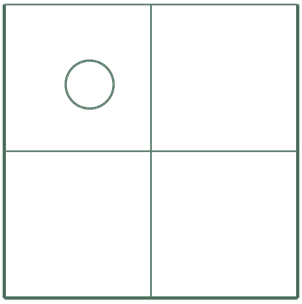
Original partial shape remains dark; additions are separate sample choices.



One valid completion only. Keep the supplied part visible and explain the new idea; alternative additions are allowed by the source rubric.

Task 4 / answers

Original partial shape remains dark; additions are separate sample choices.



Hypothetical rubric: use 2 + originality 1 + clarity 2 + care 1 = 6. These are the original hypothetical scores, not an observation of new student work.

One valid completion only. Keep the supplied part visible and explain the new idea; alternative additions are allowed by the source rubric.

Think Outside the Box Drawing Worksheet: Creative Partial-Shape Completion

Source rubric / reflection

- [ ] Use of the partial shape: 0 = printed shape hidden or erased; 1 = printed shape partly visible; 2 = printed shape clearly visible as a structural part.
- [ ] Originality: 0 = most obvious completion only; 1 = somewhat expected; 2 = least obvious of three listed ideas.
- [ ] Clarity: 0 = idea cannot be guessed; 1 = idea is unclear without explanation; 2 = idea can be guessed from the drawing alone.
- [ ] Care: 0 = rushed or overcrowded; 1 = some deliberate lines; 2 = deliberate lines and balanced use of the box.
- [ ] Total: 8 points. Valid alternatives are accepted when they meet the criteria.

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