Draw a Hugging Pair: Arm Wrap, Torso Contact, and Head Tilt

Original tasks 1, 2, 3 / complete keys

Task 1

On a 15 cm by 20 cm sheet, draw two torso ovals that overlap by 1 cm inside a 2 cm contact zone. Label the zone width and overlap in centimetres.

Answer: Two ovals touch or overlap inside the 2 cm zone, with a 1 cm overlap marked and labelled.

Reason: The exercise isolates torso contact, the second key contact point, before adding arms or heads.

Check: Measure the zone and overlap with a ruler; confirm both labels use centimetres and the ovals visibly meet.

Task 2

Draw one wrapping arm from a left shoulder across a 3 cm contact zone to the far side of a right torso. Add a simple hand shape and label the arm's crossing point.

Answer: A curved arm crosses the zone and ends on the far side, with the crossing point labelled.

Reason: This practices arm wrap alone so the far-side ending is clear before combining it with a second figure.

Check: Trace the arm with a finger; it must pass over the zone and end beyond the far torso edge.

Task 3

Draw two head axes 10 cm apart. Tilt the left axis 10 degrees right and the right axis 10 degrees left. Label both angles and check that the faces do not collide.

Answer: Two tilted axes lean toward each other by 10 degrees each, with a small gap between the simple face lines.

Reason: Head tilt is the third contact point and can be practised without torsos or arms.

Check: Use a protractor or estimate against a vertical line; confirm both angles are labelled and the faces remain separate.

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Original tasks 4 / complete keys

Task 4

Combine the previous three exercises into one hugging pair on a 20 cm by 25 cm sheet. Use a 3 cm contact zone, 1 cm overlap, and 12 degree head tilts. Then redraw the pair from a side view in a blank panel.

Answer: The main drawing shows arm wrap, torso contact, and head tilt with labelled hypothetical measurements; the side-view panel keeps all three contact points visible.

Reason: This integrates the contact points and tests whether they survive a change of angle.

Check: Run the three-question check on both drawings: far-side arm ending, touching torsos, and tilted heads. Confirm units are consistent.

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Source rubric / reflection

- [ ] Arm wrap is visible: at least one arm crosses the contact zone and ends on the far side.
- [ ] Torso contact is clear: the two torso outlines touch or overlap inside the contact zone.
- [ ] Head tilt is measurable: each head axis leans toward the other by a stated angle.
- [ ] Convention is followed: baseline, midline, and x-height are labelled and used consistently.
- [ ] Units are consistent and any numerical values are labelled as hypothetical examples.
- [ ] Valid alternatives are accepted: different letter styles and proportions pass if the three contact checks pass.

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