# Draw a Dung Beetle: Domed Body and Rolling Ball

Original tasks 1, 2, 3 / complete keys

Task 1

Draw only the domed body and head of a dung beetle. Use a hypothetical dome 8 cm wide and 4 cm tall. Add a head about 2 cm wide at the front. Do not draw legs or ball.

Answer: A smooth low dome 8 cm wide and 4 cm tall with a small rounded head at the front, about 2 cm wide, tucked under the dome edge.

Reason: The dome must be wider than tall to read as a beetle body. The head is smaller than the dome and placed at the front so the insect faces the ball later.

Check: Measure the dome width and height; width should be about twice the height. Confirm the head is at the front and smaller than the dome.

Task 2

Draw a dung beetle pushing a ball. Use a ground line. Make the ball 4 cm across and place it in front. Draw three legs on the visible side, each with two segments and a joint dot. The front leg must touch the ball.

Answer: A drawing with a ground line, a 4 cm round ball in front, a domed beetle behind it, and three stout two-segment legs. The front leg touches the ball; the other legs brace the ground.

Reason: The ball in front and the front leg touching it show the rolling pose. Two-segment legs with joint dots show stout construction.

Check: Check that the ball is round and in front. Count two segments per leg and one joint dot. Confirm the front leg contacts the ball and the back legs contact the ground line.

Task 3

Draw a dung beetle with a dome 5 cm wide and 2.5 cm tall. Add a ball that is 6 cm across. Show the beetle leaning toward the ball with its front legs raised to touch it. Use a ground line.

Answer: A low dome 5 cm wide and 2.5 cm tall, tilted toward a 6 cm ball in front. The front legs reach up to the ball; the back legs stay on the ground line.

Reason: A larger ball is a valid alternative if the beetle still leans and pushes. The dome stays wider than tall, and the ground line keeps the pose grounded.

Check: Measure the dome and ball. Confirm the dome width is greater than its height and the ball is in front. Check that the front legs touch the ball and the back legs touch the ground.

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Original tasks 4 / complete keys

Task 4

Draw a dung beetle and ball, then add a simple check label for each part: dome, head, ball, front leg, back leg. Use a hypothetical dome 7 cm wide and 3.5 cm tall and a ball 5 cm across.

Answer: A labeled drawing with a 7 cm by 3.5 cm dome, a small head, a 5 cm ball in front, and labeled front and back legs. The labels point clearly to each part.

Reason: Labeling forces the drawer to confirm each required part is present and placed correctly. The proportions follow the dome rule and the ball-in-front pose.

Check: Read each label and confirm it points to the correct part. Measure the dome and ball. Check that the front leg label is on a leg touching the ball and the back leg label is on a leg touching the ground.

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Source rubric / reflection

- [ ] Dome is wider than tall and clearly rounded.
- [ ] Head is small and attached at the front of the dome.
- [ ] Legs are stout, segmented, and show joint marks.
- [ ] Front legs touch the ball; back legs brace the ground.
- [ ] Ball is round and placed in front of the beetle on a ground line.
- [ ] Pose reads as pushing, not flying or standing upright.
- [ ] Valid alternatives in ball size, leg angle, and outline texture are accepted if the dome and rolling pose remain clear.

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