Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Original task 1 / independent drawing and calculation

Task 1

Draw a fish-scale row with 5 scales, each 3 cm wide, overlapping by one third. Then draw a snake-scale row with 5 scales, each 3 cm wide, meeting edge to edge. Use the same baseline and midline. Describe the visible width of each row using simple arithmetic.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Original task 2 / independent drawing and calculation

Task 2

A student draws a second row of snake scales directly under the first row, with each new scale centered under one scale above. Is the offset correct? Explain and fix it.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Original task 3 / independent drawing and calculation

Task 3

Draw a fish-scale row with 6 scales, each 2 cm wide, overlapping by one quarter of a scale width. Draw a snake-scale row with 6 scales, each 2 cm wide, meeting edge to edge. Which row has more visible scale edges? Explain using a simple count.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Original task 4 / independent drawing and calculation

Task 4

Compare two drawings: one fish-scale row with 4 scales of 2 cm width overlapping by one half, and one snake-scale row with 4 scales of 2 cm width meeting edge to edge. Both have a second row offset by half a width. Describe one mistake a student might make in each pattern and how to fix it.

Keep the original task measurements. Use the full drawing sheet in this PDF for a response needing more room; use the stated paper size when a task specifies larger paper.

Full drawing sheet / reusable blank workspace

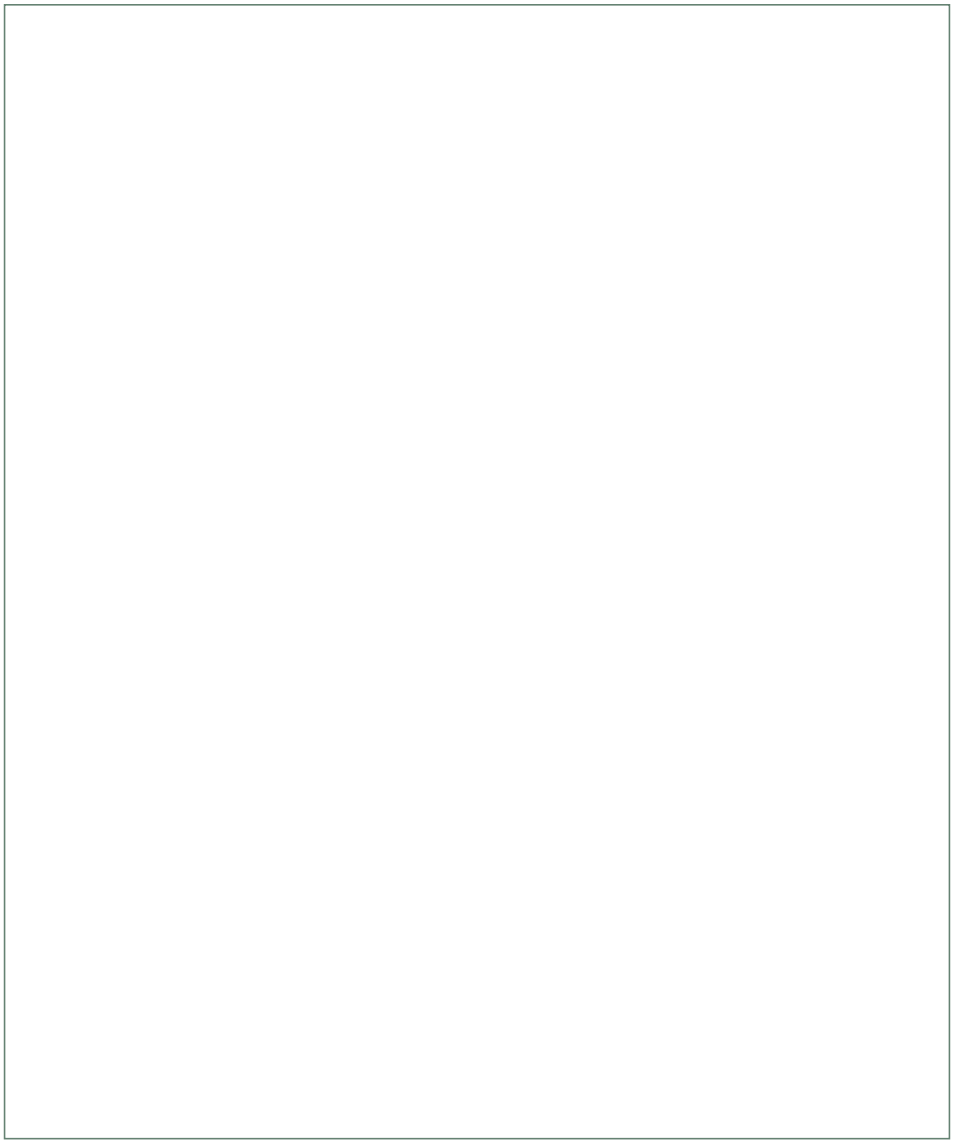
Reusable full drawing sheet for Tasks 1 to 4. Print another copy when needed. Keep all original task measurements; if a task specifies larger paper, use that paper size.

Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Task 1 / practice

Selected Pattern A / overlap versus selected Pattern B / edge meeting; real snake scales can overlap

TASK 1 / Draw a fish-scale row with 5 scales, each 3 cm wide, overlapping by one third. Then draw a snake-scale row with 5 scales, each 3 cm wide, meeting edge to edge. Use the same baseline and midline. Describe the visible width of each row using simple arithmetic.

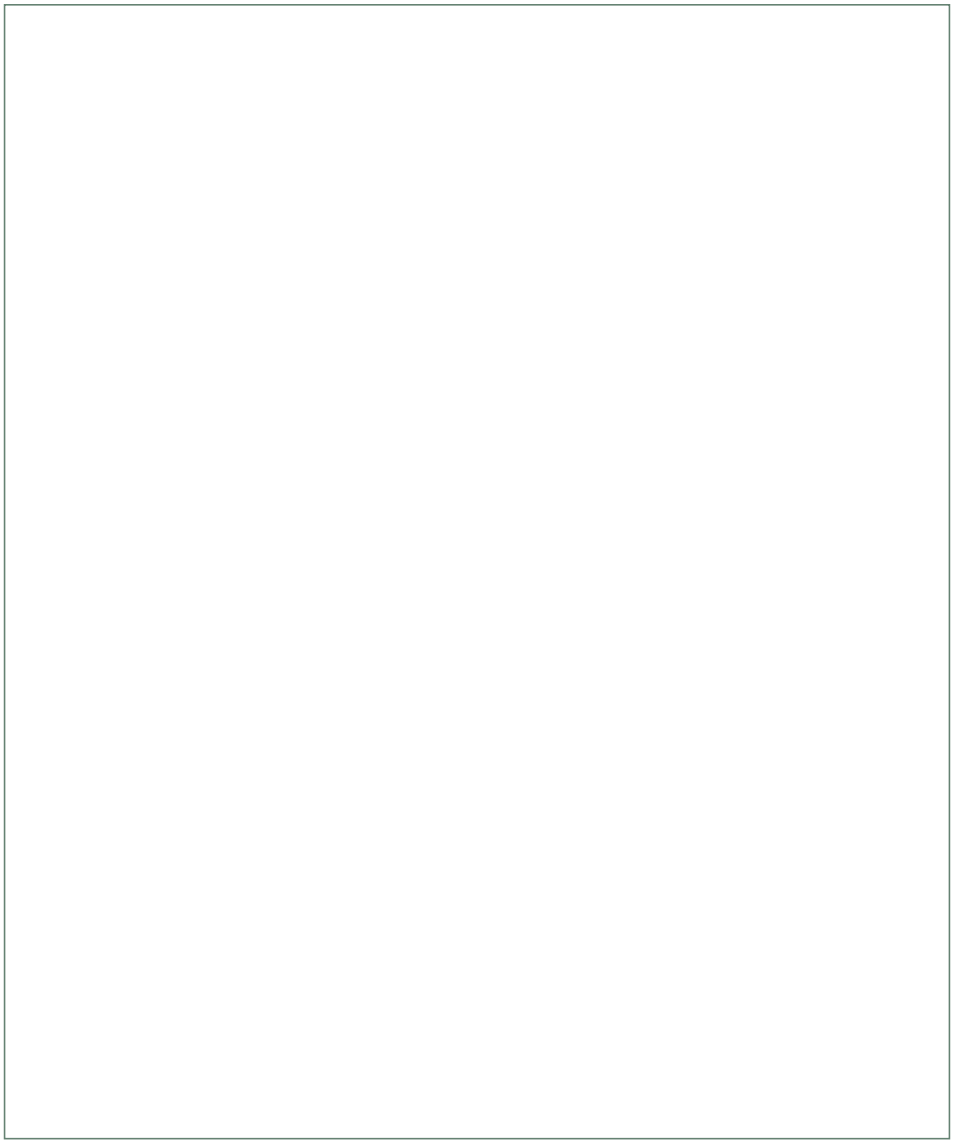


Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Task 2 / practice

Selected Pattern A / overlap versus selected Pattern B / edge meeting; real snake scales can overlap

TASK 2 / A student draws a second row of snake scales directly under the first row, with each new scale centered under one scale above. Is the offset correct? Explain and fix it.

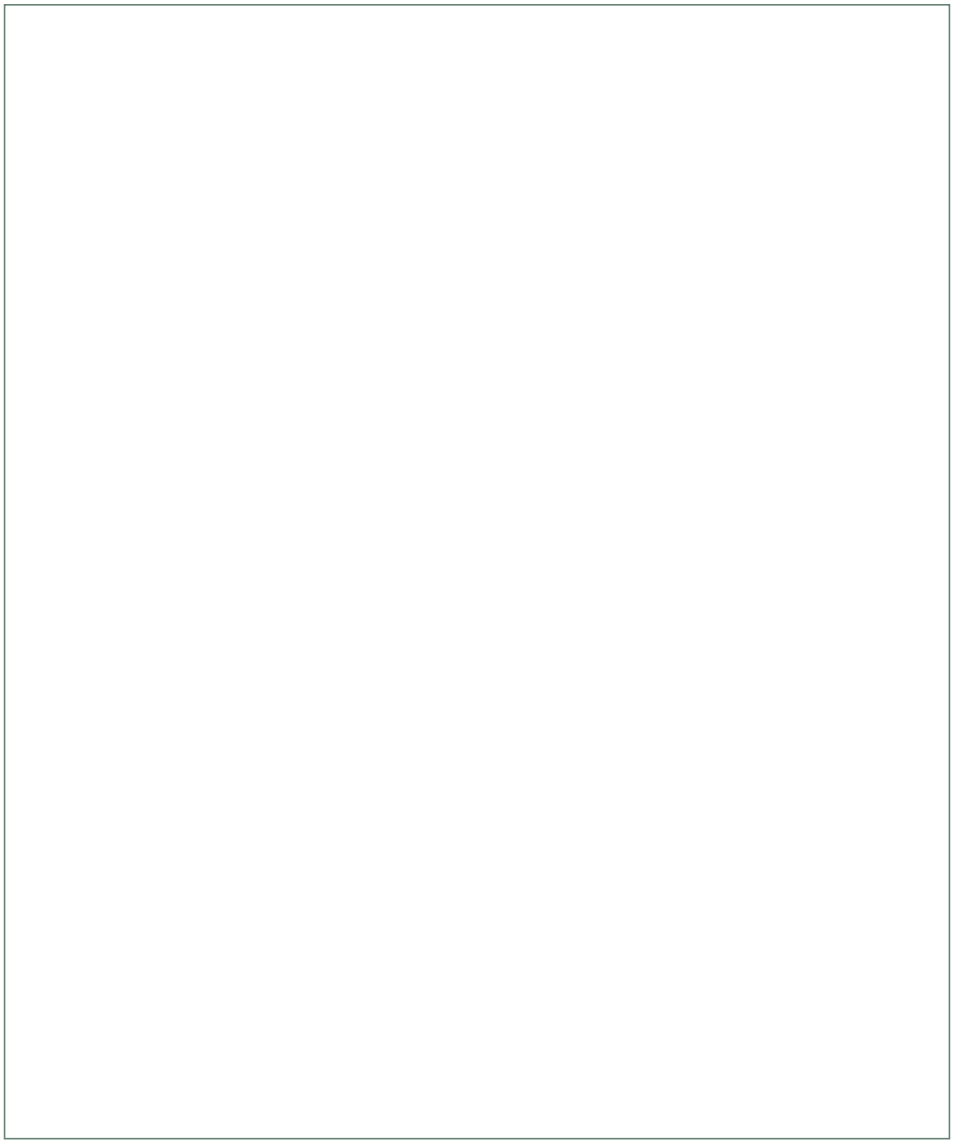


Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Task 3 / practice

Selected Pattern A / overlap versus selected Pattern B / edge meeting; real snake scales can overlap

TASK 3 / Draw a fish-scale row with 6 scales, each 2 cm wide, overlapping by one quarter of a scale width. Draw a snake-scale row with 6 scales, each 2 cm wide, meeting edge to edge. Which row has more visible scale edges? Explain using a simple count.



Fish Scales vs Snake Scales: Side-by-Side Row Drawing

Task 4 / practice

Selected Pattern A / overlap versus selected Pattern B / edge meeting; real snake scales can overlap

TASK 4 / Compare two drawings: one fish-scale row with 4 scales of 2 cm width overlapping by one half, and one snake-scale row with 4 scales of 2 cm width meeting edge to edge. Both have a second row offset by half a width. Describe one mistake a student might make in each pattern and how to fix it.

