Model area by moving a fixed length

NAME	DATE

1 **Activity · Work with your teacher**

Move a strip across your paper to make a rectangle. Draw the area it covers.

Model area by moving a fixed length

1. The learner moves the 6 cm strip perpendicular to itself through 4 cm, retaining its length and orientation. Traces and identifies the swept 6 cm by 4 cm region; area is 24 square centimetres.

Evidence for the stated action: Independent constructed or observed work is required by the marking rule; the credit is limited to the stated action.

Teacher procedure · Question 1

1. Prepare a straight 6 cm paper strip, blank paper, ruler and pencil. Mark a 4 cm sideways path perpendicular to the strip.
2. Observe the learner perform the action. Do not substitute reading a supplied grid or calculating from side labels.
3. Keep the traced or tiled region with the record. Ask how the units cover the area and record the explanation. Mark each action separately.

Record: Materials and dimensions; learner action; unit count; area statement; gaps/overlaps; prompts.

Move the length and trace the swept region

Date observed: _____

☐ Independent ☐ Not yet / help needed ☐ Not observed

What the child said or did; prompts or self-correction:

Identify the swept area

Date observed: _____

☐ Independent ☐ Not yet / help needed ☐ Not observed

What the child said or did; prompts or self-correction:

The learner moves the 6 cm strip perpendicular to itself through 4 cm, retaining its length and orientation. Traces and identifies the swept 6 cm by 4 cm region; area is 24 square centimetres.