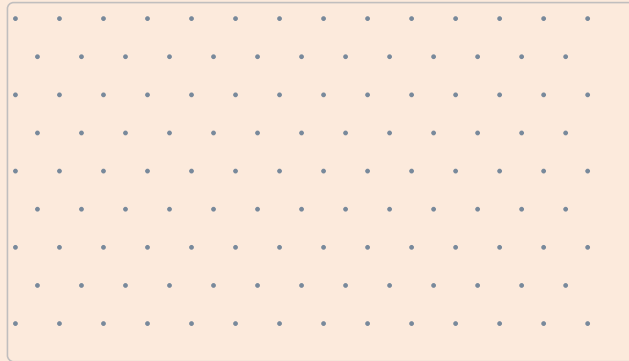


BUILD A 4 BY 3 BY 2 CUBOID

- 1 Mark the front face: count **4** dots wide and **3** dots tall and join them with upright and base lines.
- 2 From each front corner carry a depth line back along the slanting dots for a count of **2**.
- 3 Join the back ends of the depth lines to finish the top and side faces, keeping every slant the same.

WARM-UP

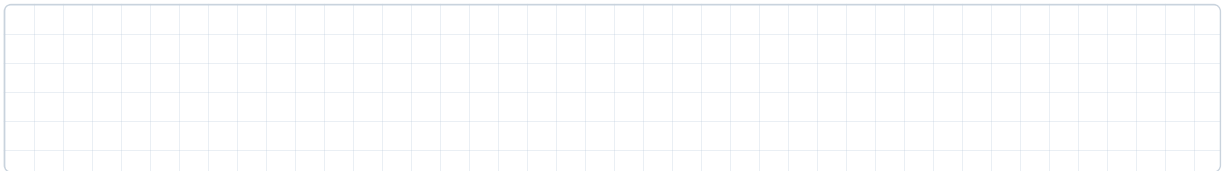
On the isometric dot paper draw each cuboid edge by edge.



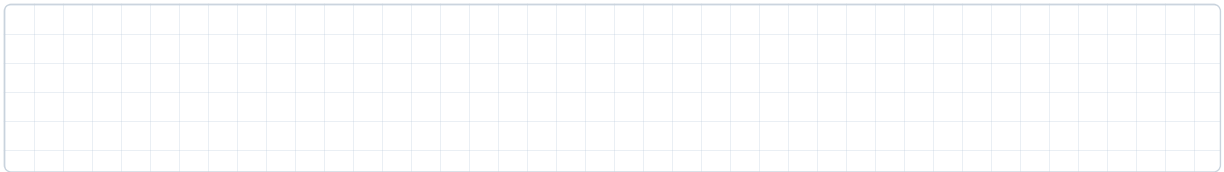
1. Draw the 3 wide by 3 tall by 2 deep cuboid
2. Draw the 2 wide by 4 tall by 2 deep cuboid
3. Draw the 6 wide by 2 tall by 3 deep cuboid

PRACTICE

- 1 You are making a small tissue box model. Build it **5** wide, **3** tall and **2** deep on the dots.



- 2 The workshop needs a larger storage box. Build one **5** wide, **4** tall and **3** deep.

**? ALWAYS, SOMETIMES, NEVER**

Always, sometimes or never true? Write A, S or N.

- | | |
|---|--|
| a. The front face of a cuboid is drawn before the depth lines. ☐ | c. Depth lines stay upright like the front edges. ☐ |
| b. Every depth line on one cuboid uses the exact same slant. ☐ | d. You can change the slant halfway along one depth line. ☐ |

