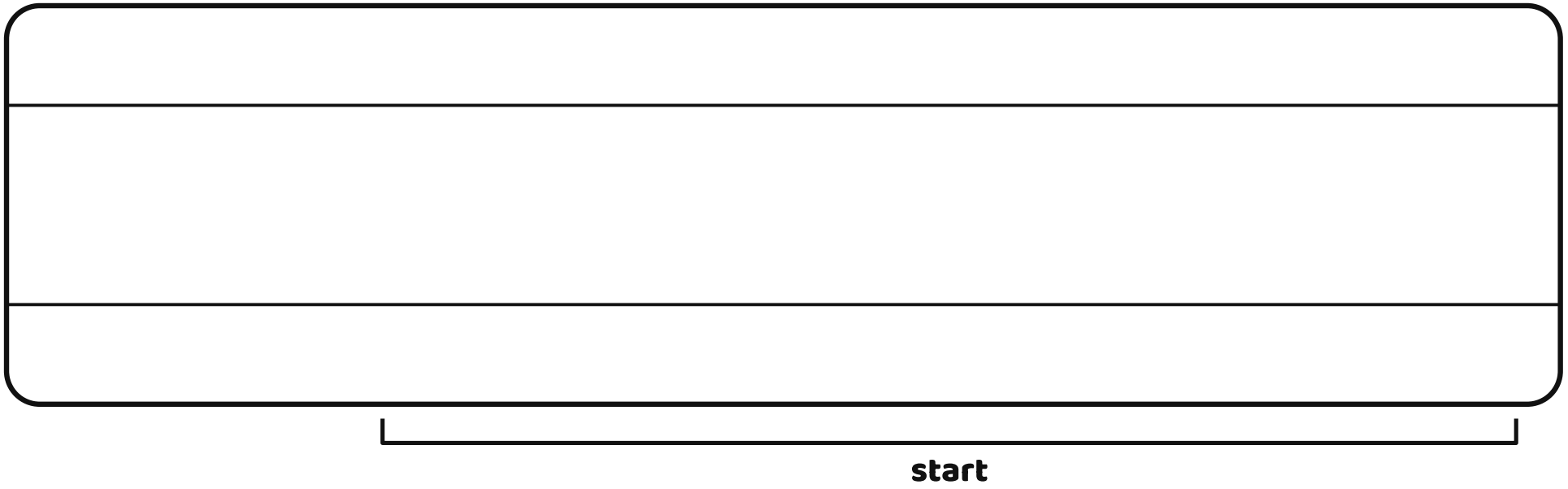
Paper Rekenrek

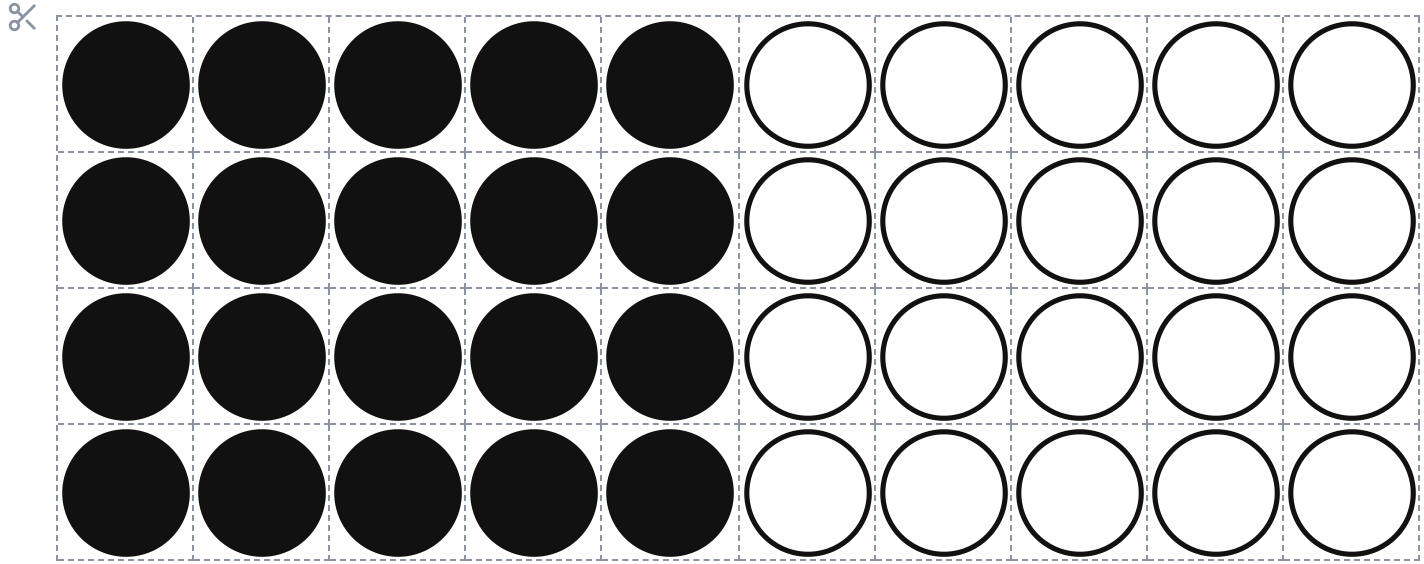
Start with all the beads on the right. Slide them left to show a number.



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Paper Rekenrek: Beads

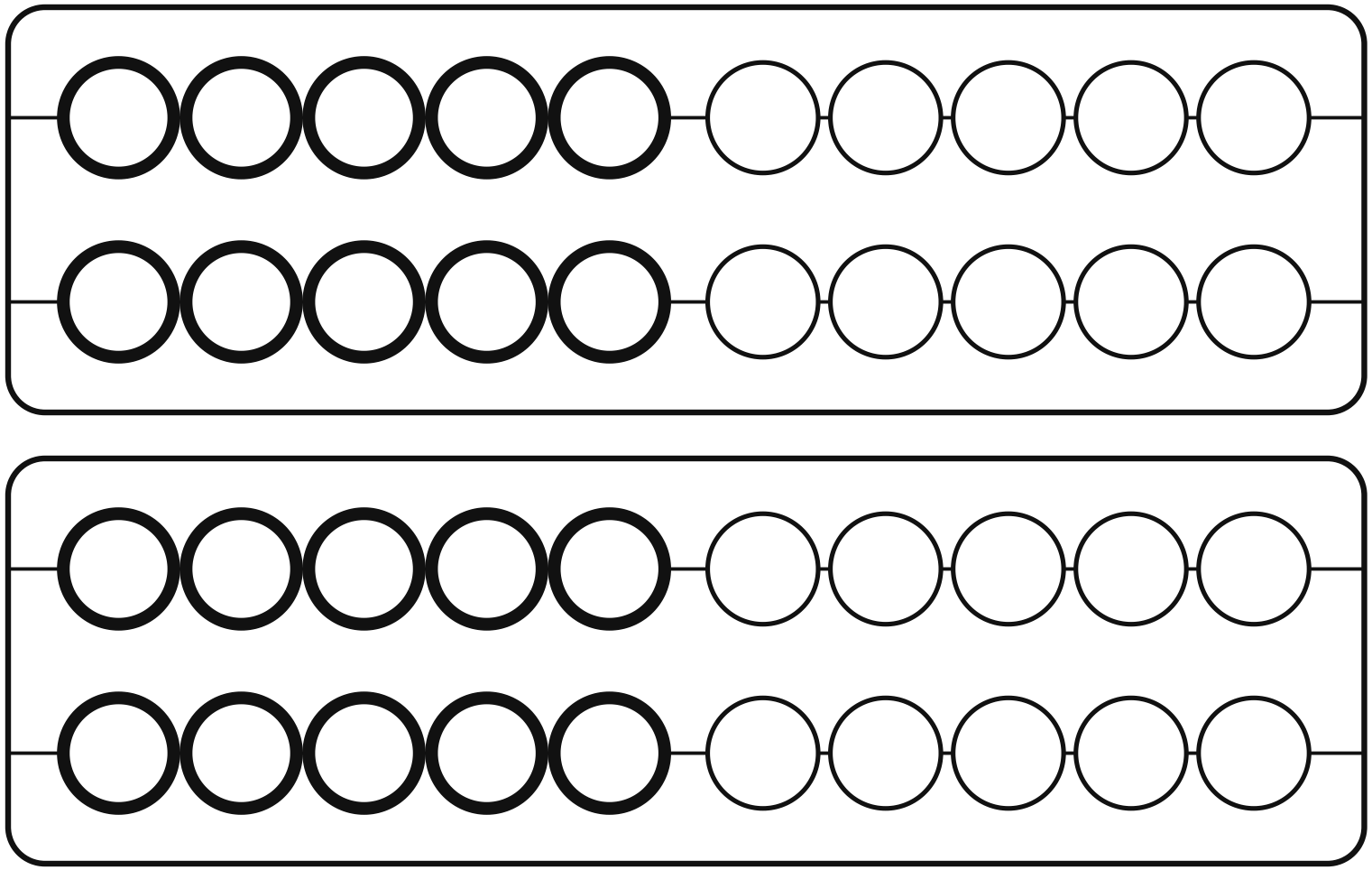
Cut out the beads. Put ten on each wire at the start: five dark, then five light.



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Paper Rekenrek: Counter Mats

Put a bean on a bead to show a number. Fill the heavy five first.



For Grown-Ups: How to Use These Mats

A few minutes at a time, with scissors for the beads, or a handful of dried beans for the counter mats.

Why use it

A rekenrek is a bead rack with two rows of ten beads, 5 dark and 5 light in each row. Your child slides beads to the left to show a number, and the dark five lets them see 7 as 5 and 2 more instead of counting 7 beads.

What it is good for

- Pre-K and kindergarten: showing 1 to 10 on one row, as 5 and some more.
- Kindergarten: the pairs that make 10, such as 8 and 2.
- First grade: numbers to 20, doubles, and near doubles.

How to use it

1. Cut out the beads on page 2 along the straight lines. Keep the spares.
2. Put ten beads on each wire of page 1, over the start bracket: 5 dark, then 5 light.
3. Say a number. Your child slides that many beads to the left in one push. Only beads on the left count.
4. Ask how they knew: 7 is all the dark beads and 2 light ones.
5. No scissors? On the counter mats, your child puts a bean on each bead, the heavy five first.

> **Try saying:** “Show me 7 in one push. How many dark beads? How many light ones? So 5 and 2 make 7.”

Tip: Use only the top row at first. Move to both rows and numbers to 20 when 1 to 10 is quick.