

# DEKA DOTS

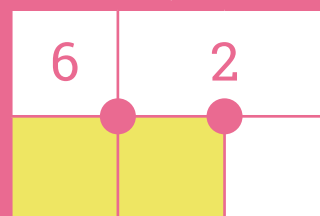
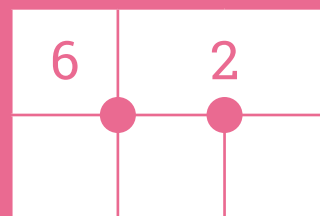
DIFFICULTY LEVEL:

★ – ★ ★ ★ ★ ★

In a **Deka Dot** puzzle, the goal is to fill every empty box with a single digit (0-9) so that:

- The digits in the boxes that touch each dot always add up to 10.
- Boxes that touch along a side cannot contain the same digit. (Boxes that touch at a corner may contain the same digit.)

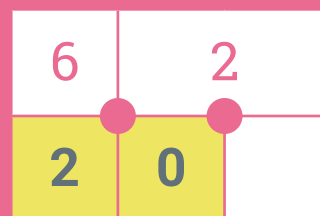
The sum of the numbers in boxes that touch each dot is always 10, and boxes that touch can't contain the same digit.



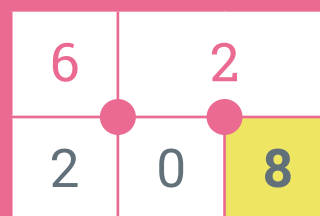
The four boxes that surround the left dot must sum to 10. The top two boxes sum to 8, so the two highlighted boxes must sum to 2.



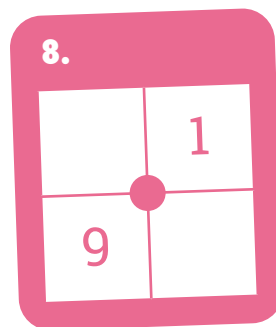
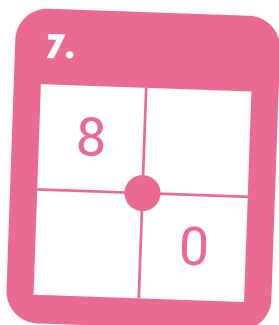
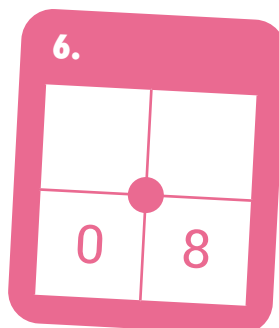
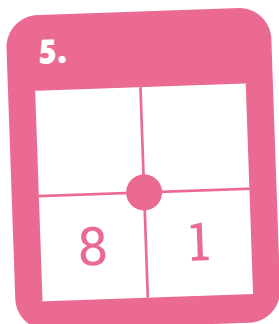
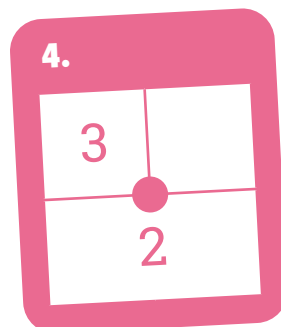
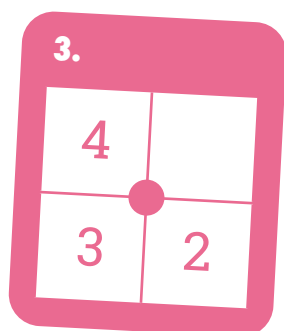
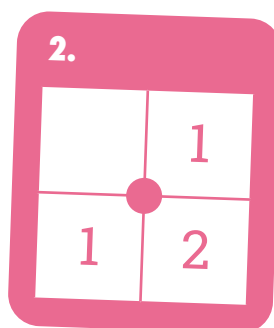
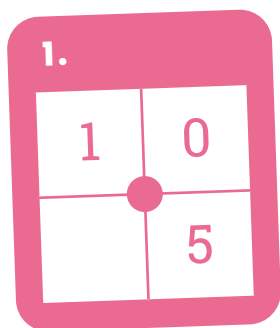
We look for a way to complete the puzzle without having the same digit in boxes that share a side.

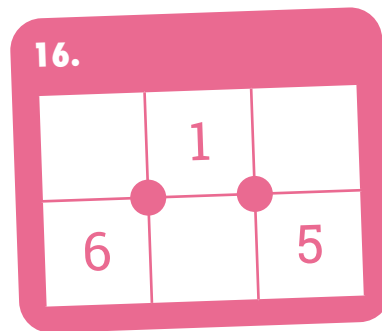
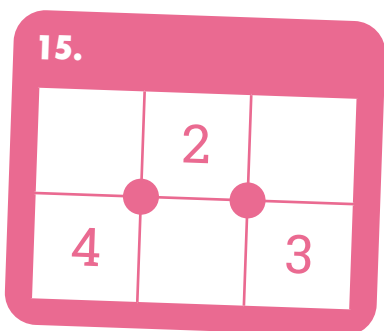
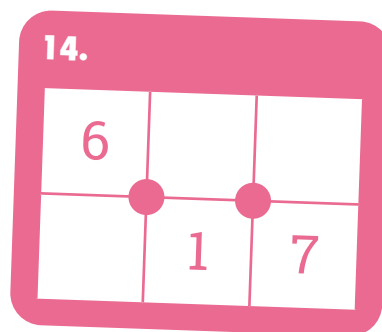
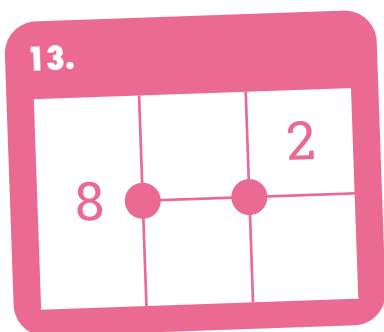
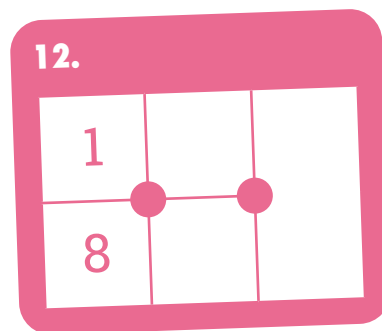
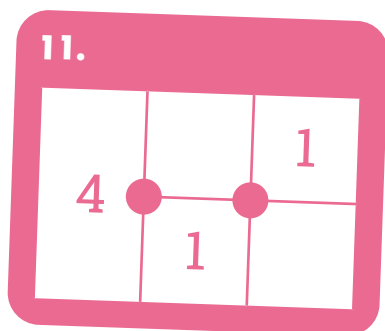
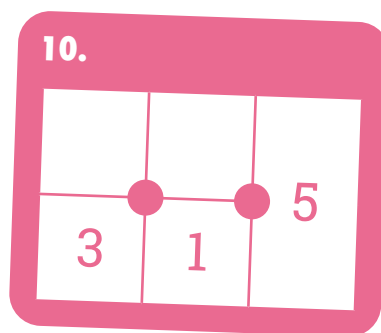
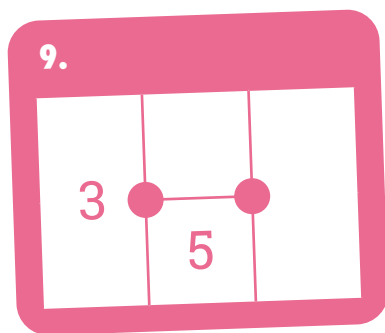


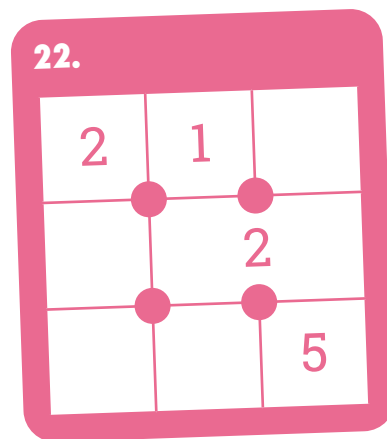
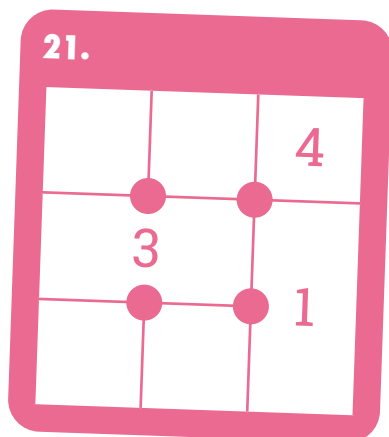
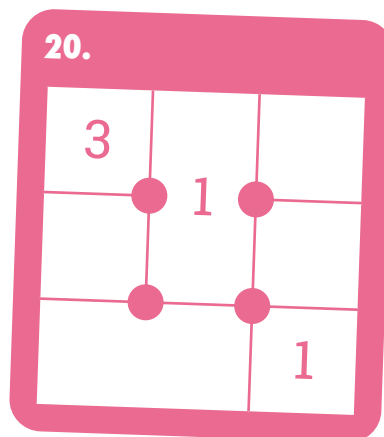
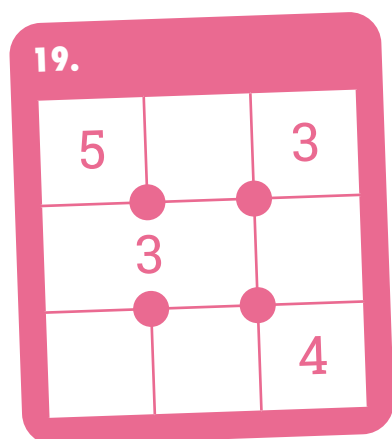
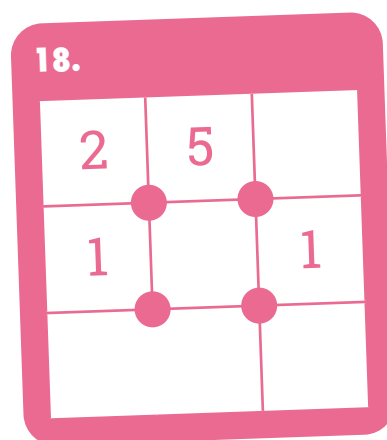
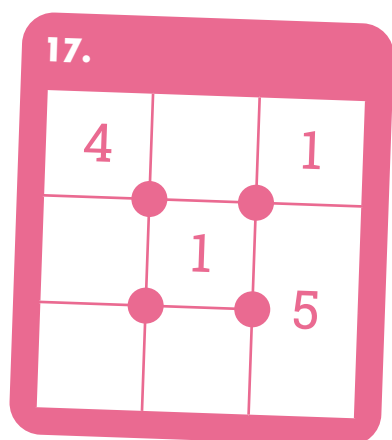
The only way to fill these boxes without having two of the same digits that touch is shown on the right.

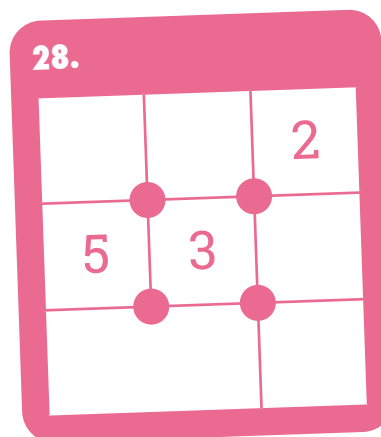
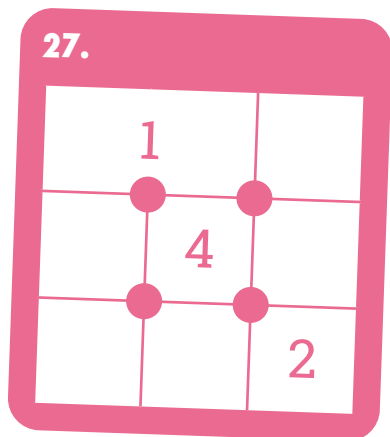
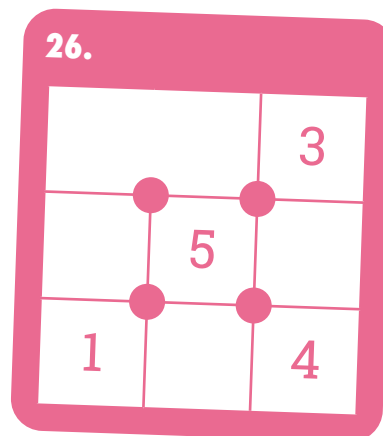
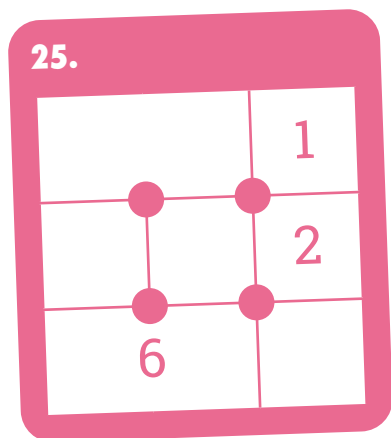
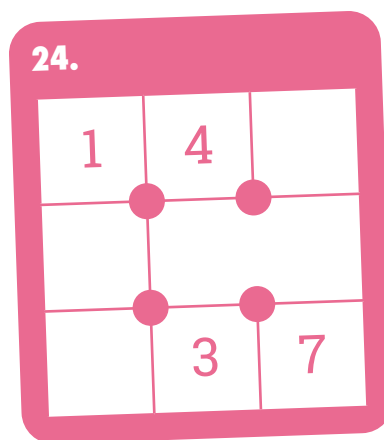
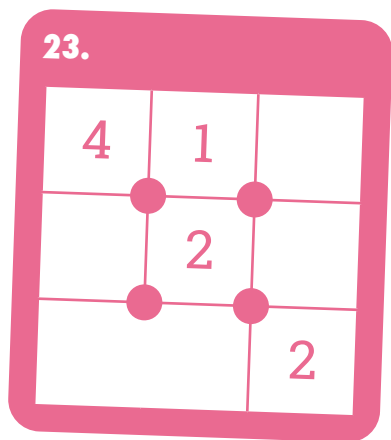


Finally, the boxes that touch the right dot must sum to 10. So, we fill the bottom-right box with an 8.



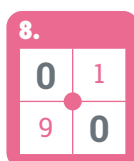
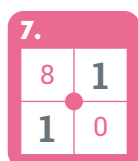
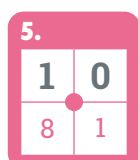
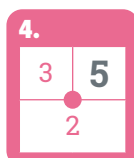
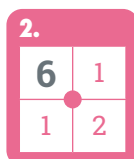




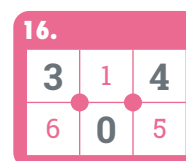
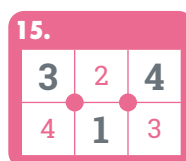
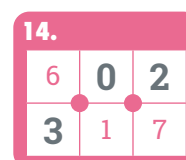
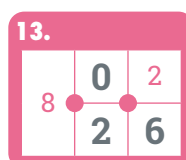
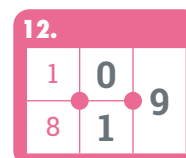
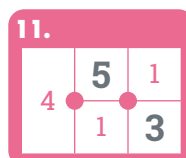
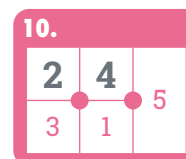
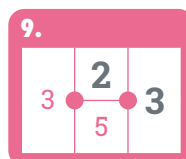


# DEKA DOTS SOLUTIONS

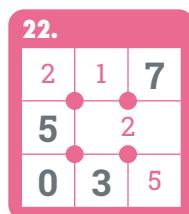
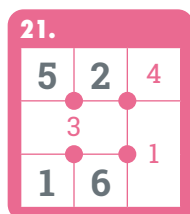
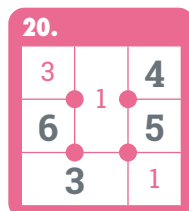
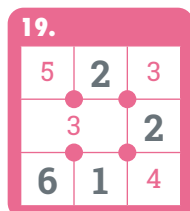
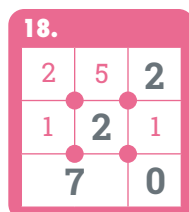
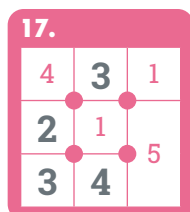
Page 49



Page 50



Page 51



Page 52

