

Unit 1 Numeracy Family Resources

Foundations of Numbers 1 – 20

Welcome to Unit 1 of the RoboKind® Numeracy Curriculum, where students begin building a strong foundation in early number sense. This unit is designed to help students understand numbers 1–20 through hands-on, engaging, and meaningful practice.

Our goal is to build confidence and a positive mindset toward mathematics while supporting perseverance and enjoyment in learning. Through short, interactive activities, students practice recognizing numbers, counting with purpose, writing numbers correctly, and representing quantities in multiple ways—by doing what they do best: learning through play and exploration.

What Students Are Learning in Unit 1

By the end of this unit, students will be able to:

- Recognize and name numbers 1–20
- Count objects accurately and match quantities to numerals
- Write numbers using correct formation
- Identify whether a number is **even or odd**
- Represent numbers using **tens and ones**

Students also begin learning an early number pattern:

- **Even numbers are orange**
- **Odd numbers are blue**

This color-coding helps students visually organize numbers and recognize patterns that support future math learning.



Practicing Numeracy at Home

The following activities are designed to help your child practice the skills they are learning in Unit 1: Foundations of Numbers 1–20. These activities use materials included with the RoboKind® Numeracy program and are intended to be short, engaging, and easy to complete at home.

Activity 1: Write the Number

Objective:

Develop correct number formation and strengthen fine motor skills.

Materials:

- Number Booklet (Numbers 1–20)
- Pencil, crayon, or marker

Directions:

1. Give the booklet to the child to practice.
2. Have your child write their name on the cover and decorate the cover, if desired.
3. Have your child trace and write each number.
4. This activity supports number formation, fine motor control, and confidence in writing numbers correctly.

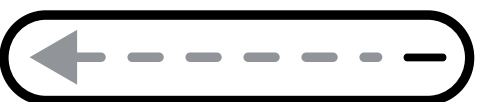
Number Booklet

1 - 20

Name:

Instructions for Families: Prompt the child to trace and write each number in the book.

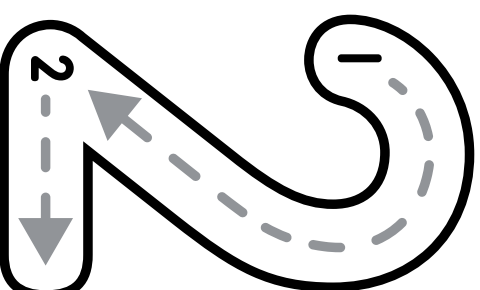
Trace the Number



Write the Number



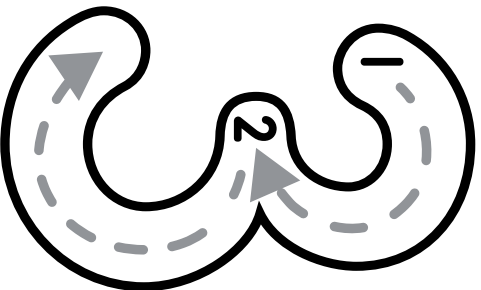
Trace the Number



Write the Number



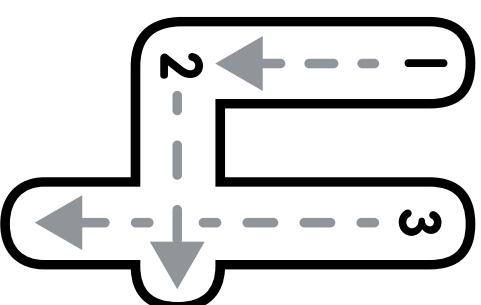
Trace the Number



Write the Number

Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

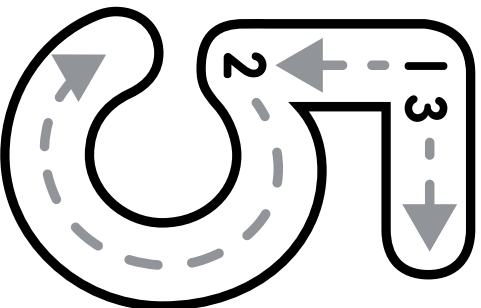
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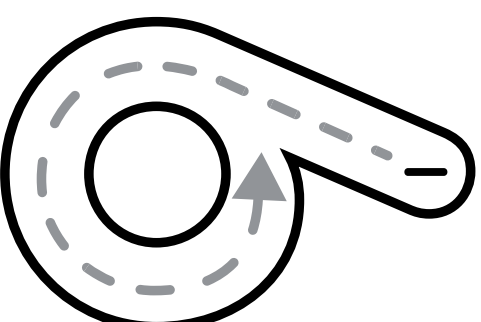
Trace the Number



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Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

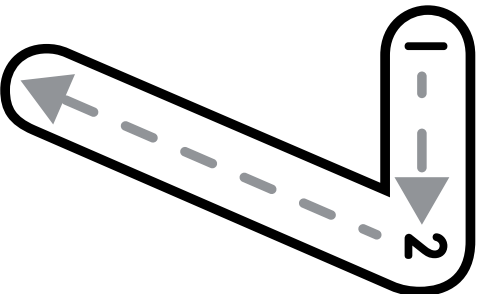
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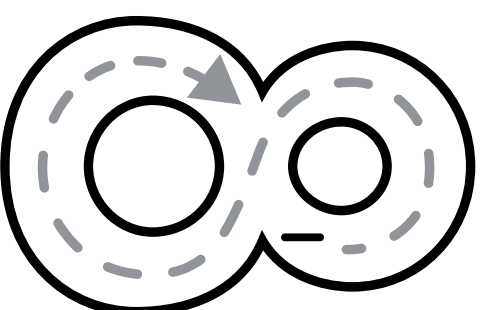
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Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

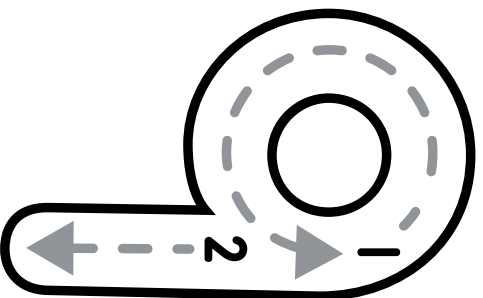
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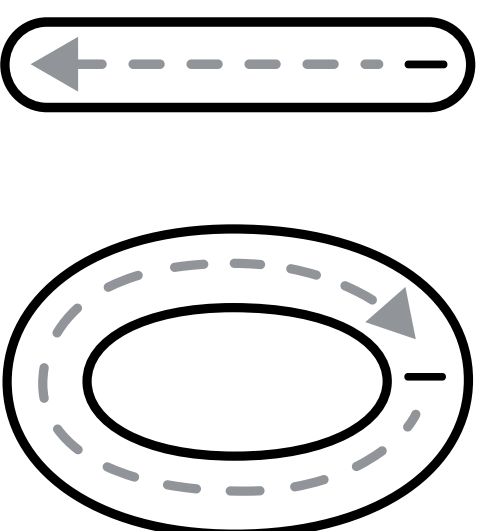
Trace the Number



Write the Number



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Write the Number



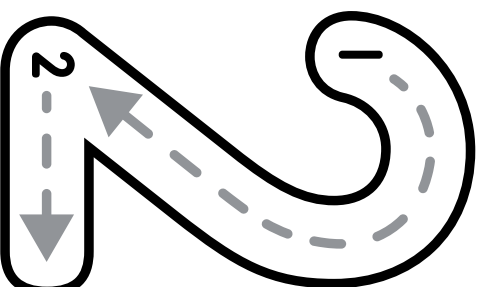
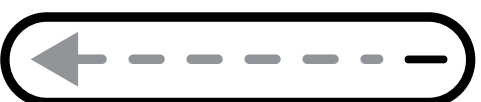
Trace the Number



Write the Number



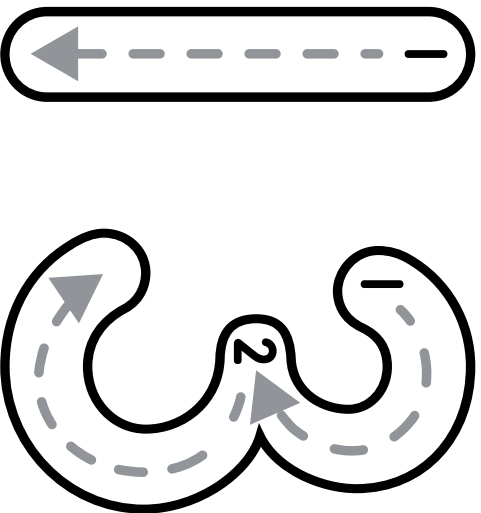
Trace the Number



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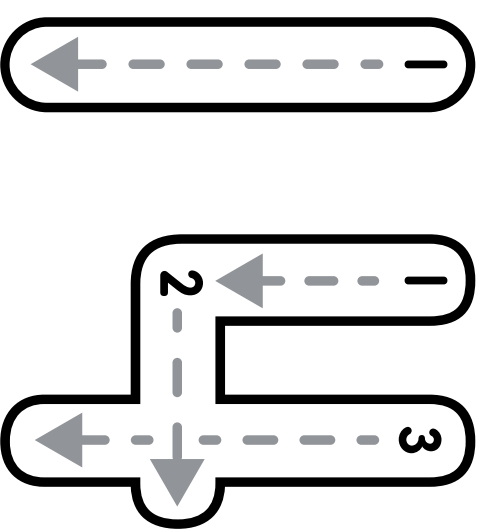
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Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

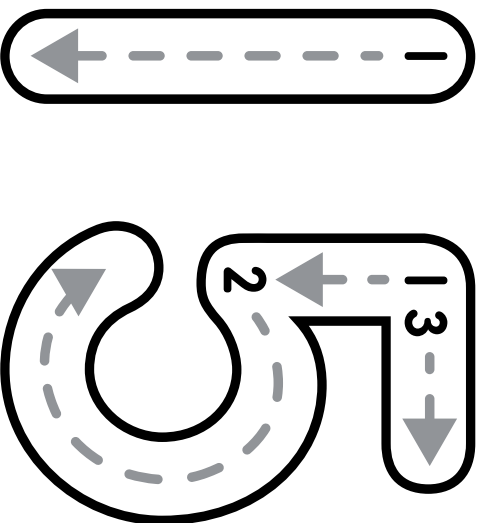
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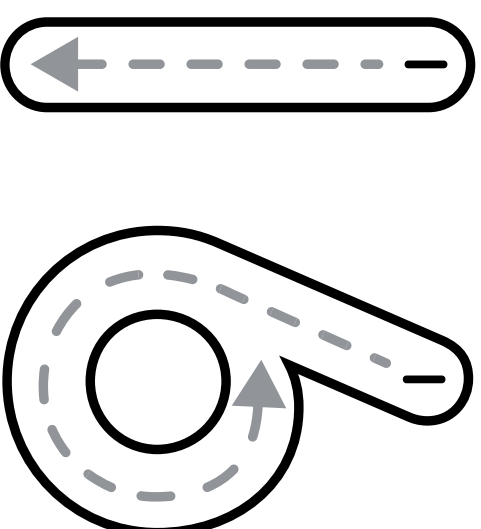
Trace the Number



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Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

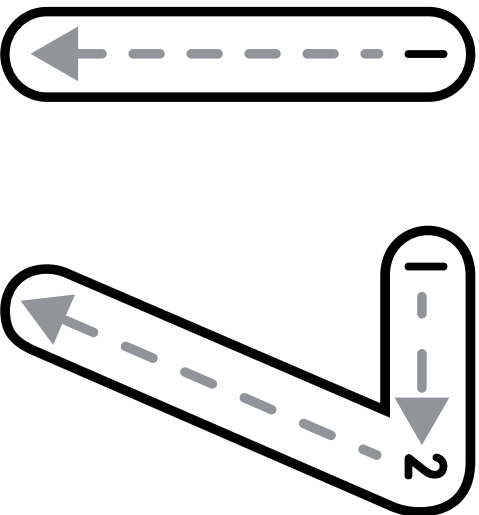
Trace the Number



Write the Number

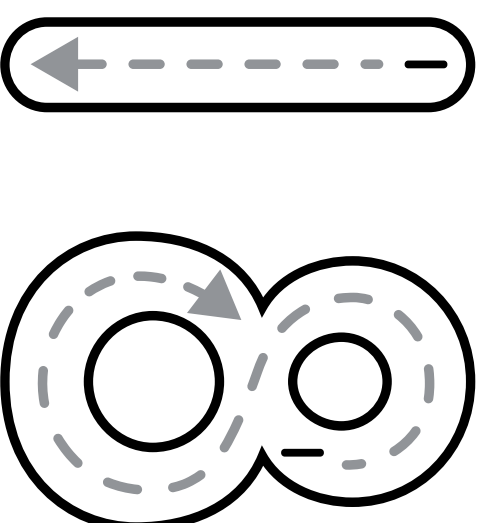
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Trace the Number



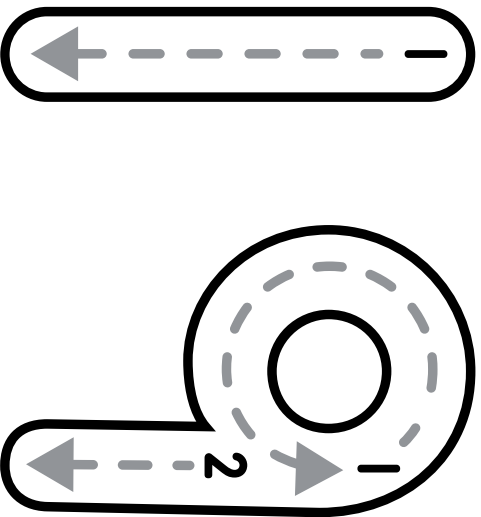
Write the Number

Trace the Number



Write the Number

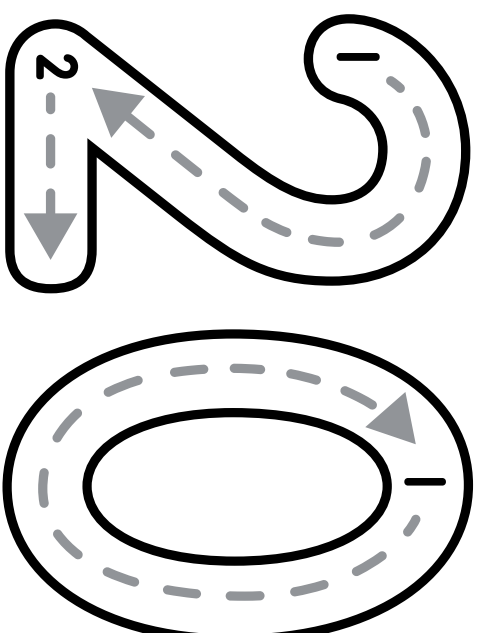
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Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

Trace the Number



Write the Number

Three horizontal lines for writing practice: a solid top line, a dashed middle line, and a solid bottom line.

Activity 2: Color by Number

Objective:

Build number recognition and strengthen visual discrimination skills.

Materials:

- Color by Number Worksheet (Numbers 1–20)
- Crayons or markers

Directions:

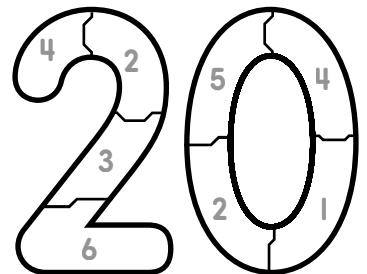
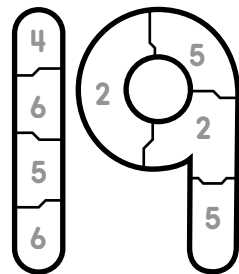
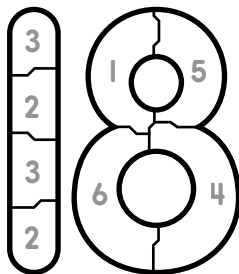
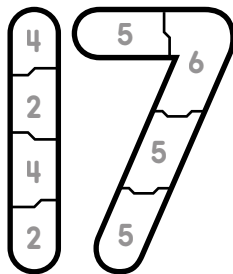
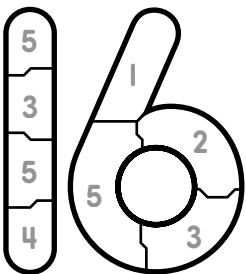
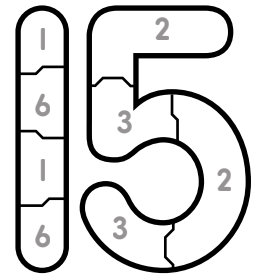
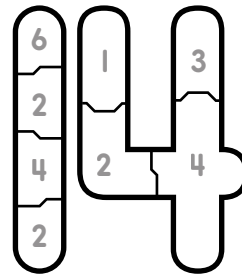
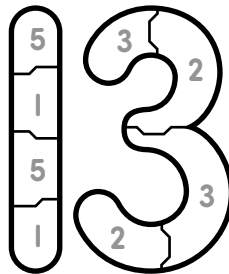
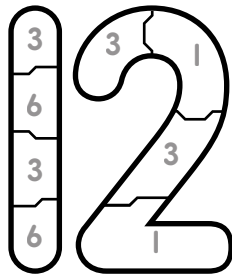
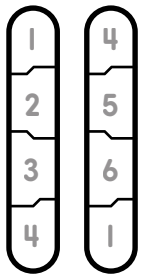
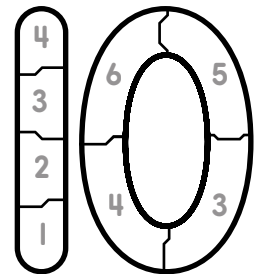
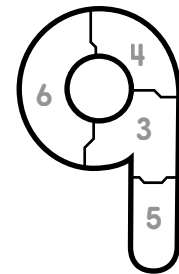
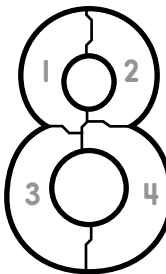
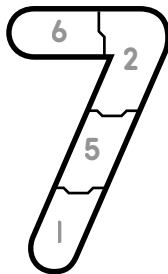
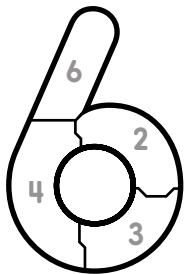
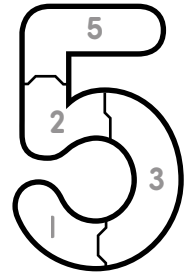
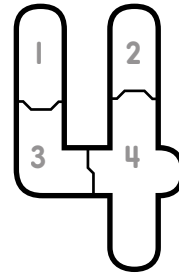
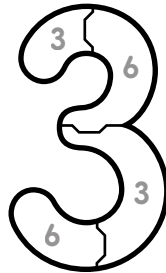
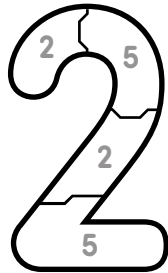
1. Review the Color Key with your child.
2. Have your child color each section of the picture to match the number shown.
3. Encourage your child to say each number aloud as they color.

Color by Number activities help reinforce number recognition while engaging creativity and focus.

Name _____

Color By Numbers

Color Key



Instructions for Families: Prompt child to begin by coloring in each crayon in the Color key to reinforce number-color association. Then, guide the student to color the sections of the picture to match the Color Key. This activity helps build number recognition, visual discrimination, and fine motor skills.

Activity 3: Number Hunt and Color

Objective:

Practice number recognition, movement, and even/odd identification.

Materials:

- Number Hunt coloring sheet with numbers 1–20 in circles
- Number cards 1–20 (cut apart)
- Crayons or markers (blue and orange)

Directions:

1. Cut apart the number cards (1–20) and hide them around the room.
2. Give your child the Number Hunt coloring sheet.
3. Have your child search for the hidden number cards.
4. As each number is found, your child should:
 - a. Say the number aloud
 - b. Find and color the matching number on their paper
 - c. Color the number **blue if it is odd** and **orange if it is even**

This activity supports number recognition, movement, and early understanding of number patterns while making learning fun and interactive.

Family Tip

Short, frequent practice is best. Even 5–10 minutes a day can make a big difference. Encourage effort, celebrate progress, and keep learning playful and positive.

Name _____

Number Hunt Color Sheet

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

Name _____

Number Cards

