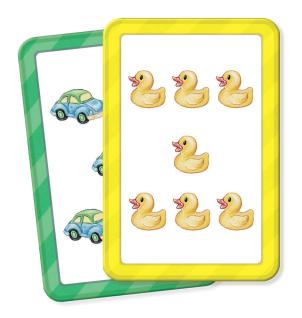
Counting & Matching

All About Math Level 1



Hands-on, multisensory play makes learning stick! This cheerful activity helps your child explore numbers in fun and engaging ways. Children begin by working with real-life objects they can see and touch, then progress to matching colorful picture and number cards, and finally practice writing numbers for themselves. Step by step, learning numbers becomes playful, confidence-building, and enjoyable.



Concrete Stage

- 1. Gather small items from around the house—blocks, buttons, toy cars, socks, or any other objects.
- 2. Place the items into groups of 1–9.
- 3. Say a number aloud (for example, "Show me 4"). Have your student find the group with that many items.
- 4. Continue playing until your student can confidently match numbers with object groups.
 - *Variation: Begin with numbers 1–5, then gradually add 6–9 as your child learns more.

Representational Stage

- 1. Print and cut apart the nine picture cards (Butterfly, Fish, Rocket, Beach Balls, Ducks, Teddy Bears, Ladybugs, Cars, and Cookies). Print the pages two-sided with the back images. Or, if you prefer, you can print one-sided and glue the pages together.
- 2. Shuffle the cards and place them scattered in front of your student.
- 3. Say a number aloud (for example, "Show me five"). Have your student find the card with that many items.
- 4. Continue playing until your student can confidently match numbers to the picture cards.
 - *Variation: Begin with numbers 1-5, then gradually add 6-9 as your child learns more.

Abstract Stage

In the abstract stage, play the same as the representational stage but when you say a number, also hold up the matching number card (say "Find five" while showing the 5 card). This helps your student connect the spoken number, the written numeral, and the groups of objects.

- 1. Print and cut apart the nine number cards (1–9). Print the pages two-sided with the back images. Or, if you prefer, you can print one-sided and glue the pages together.
- 2. Shuffle the number cards and place them face down in rows. Shuffle the picture cards and also place them face down in rows.
- 3. Take turns flipping over two cards, one of each type.
- 4. If the number card matches the picture card that shows that number of items, the player keeps the pair.
- 5. If they don't match, turn them back over and continue play.
- 6. Keep playing until all pairs have been matched.
 - *Tip: Start with 1–5 pairs for younger students and build up to the full 1–9 set.

Abstract Stage - (Continued)

Building Numbers

- 1. Place the number cards in a stack.
- 2. Have your student flip over a number card.
- 3. Using blocks, buttons, or other manipulatives, your child builds a group to match the card.

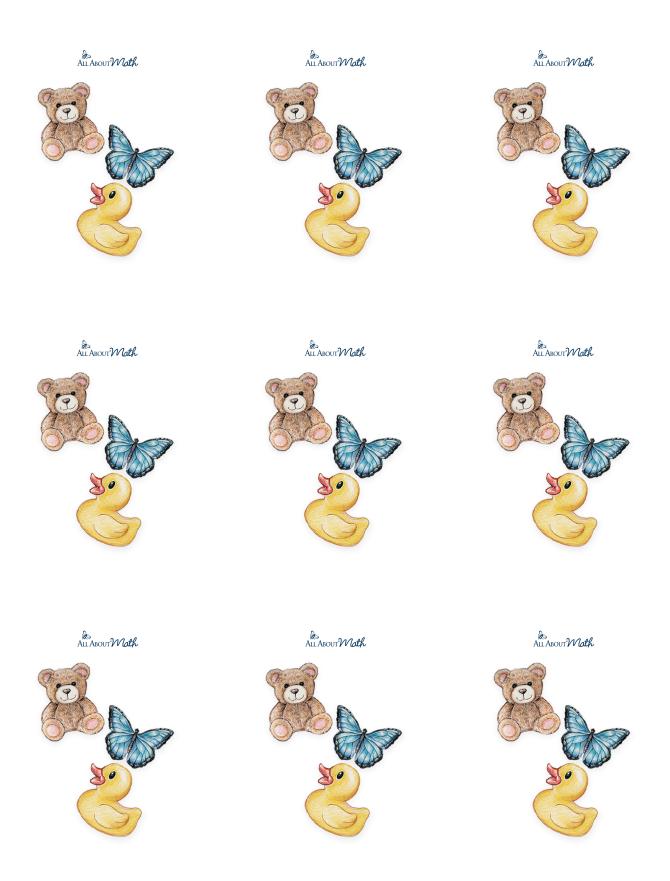
Writing Numbers

- Use number cards as references while writing numbers on paper or in a salt tray.
- Have your student to write the numeral in the salt and then poke dots to show the matching quantity (e.g., write "3" and poke three dots).
- Make <u>tactile number cards</u>: Trace over each numeral with glue, sprinkle with sand, and let dry. Children can run a finger along the textured surface while saying the number aloud.
- •Once your student is comfortable writing numbers with quantities in salt trays, she can shuffle the picture cards and place them in a stack face down. Then the child turns over the top card and writes the number that it shows.

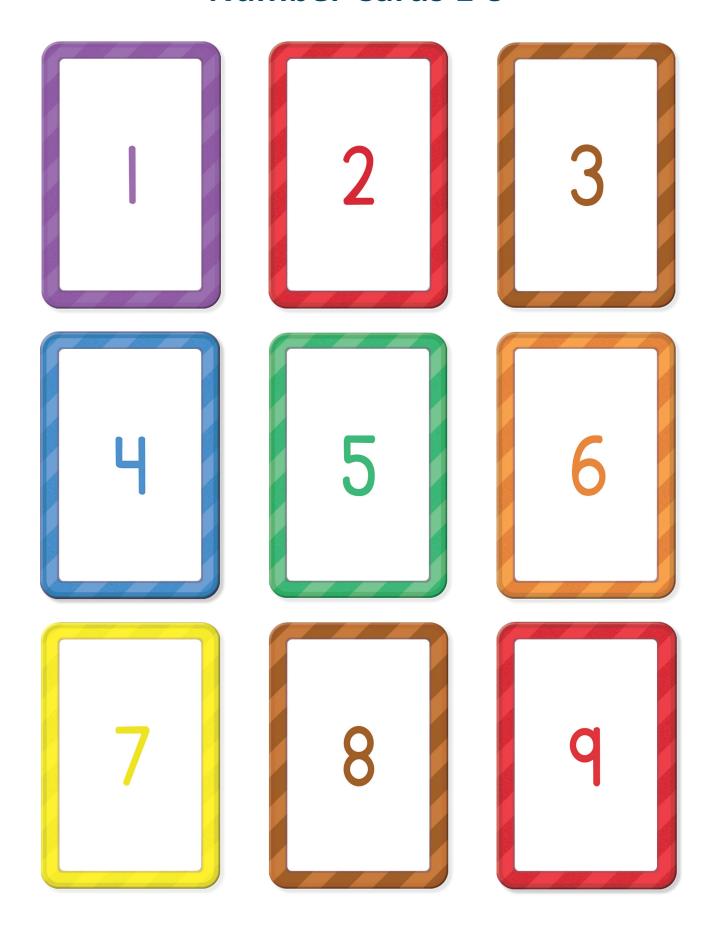
Object Cards 1-9



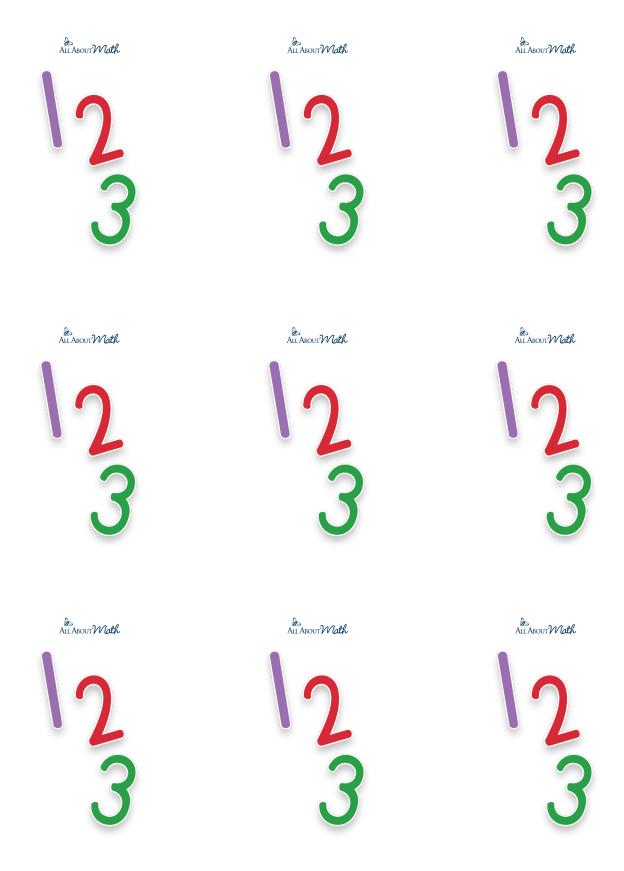
Backs of Object Cards



Number Cards 1-9



Backs of Number Cards





We hope you enjoyed this All About® Math activity

All About Math is a hands-on, multisensory program that introduces key math concepts in a clear, step-by-step way. With built-in review and engaging activities, it gives your student the solid foundation they need for long-term math success.

- Multisensory approach
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