

# Age 4 Math Checklist

Counting, shapes, patterns, sorting, and early addition

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## Counting & Number Recognition

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- Rote counts to 20
- Counts 10 objects with one-to-one correspondence
- Answers "how many?" after counting (cardinality)
- Recognizes written numerals 0 through 10
- Counts objects in daily life (stairs, food, toys)

## Quantity Comparison

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- Identifies which group has more
- Identifies which group has less
- Understands "equal" or "the same"
- Estimates small quantities (5–15 objects)
- Shares objects equally between 2 groups

## Shapes & Spatial Awareness

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- Names circle, square, triangle, rectangle
- Identifies oval
- Describes shape attributes (sides, corners)
- Finds shapes in real-world objects
- Builds pictures using basic shapes

## Patterns & Sorting

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- Recognizes AB patterns (red-blue-red-blue)
- Extends AB patterns by 2–3 items





- Creates own simple patterns
- Finds errors in patterns
- Sorts objects by color, size, or shape

## Early Addition & Subtraction

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- Combines 2 small groups and counts total
- Counts on from a given number (3 ... 4, 5)
- Removes objects and counts what remains
- Answers "how many hiding?" with totals up to 5
- Uses words: more, less, equal, together, left

## Daily Routine (10 min)

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- Block 1 (2 min) — Counting warm-up: count to 20 or find a numeral
- Block 2 (5 min) — Core skill: one activity from focus area
- Block 3 (3 min) — Quick game: estimation, patterns, or hiding game



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