MathBuddy Design Guidelines

Color Scheme

- math-primary (#4D6CFA): Primary buttons, titles

- math-secondary (#FF7A45): Secondary actions, accents

- math-accent (#6DD400): Success and positive reinforcement

- math-light (#F5F9FF): Backgrounds

- math-dark (#2D3748): Text

- math-pink (#FF6B8B): Incorrect feedback, highlight

- math-purple (#9D6CFF): Badges, headers

- math-yellow (#FFD166): Highlights, fun elements

Typography

- Quicksand (Google Font): Default text
- Comic Neue (Google Font): Fun headers and child-friendly titles

UI Features

- Rounded cards with shadows

- Animated gradient buttons (primary, secondary, accent)

- Interactive math visuals (fractions, formulas)

- Responsive layout with Tailwind CSS

Animations

- Bounce: Buttons and characters

- Floating: Mascot character

- Hover effects: Cards and answer options

- Confetti: Celebration after correct answer

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Learning Experience

- Step-by-step lessons

- Visual examples before practice

- Gamification with badges

- Parent sign-up verification