POLE MOUNTAIN LEARNING / FREE PRACTICE

Bike Park Fractions

Free fraction practice for grades 3–5. No online account is needed. No calculator is needed.

Start

Students sign in with the initials or code you give them (not their names): they type it the first time and tap it after that. They choose one of eight BMX riders and pick a grade. Each checkpoint is a fraction question with pictures students can reason with: circles, strips, number lines with jumps, grids and a water gauge. Answer types match the state practice test: multiple choice, choose two, typed fractions, drop-down sentences, comparison symbols, ordering cards and two-part questions.

Each trip is a new level: Bike Park Loop, Forest Flow, Community Jump Park and Moab Slickrock (Ride again — new questions). A new trip appears after all five checkpoints are cleared and the bonus answer has been shown and closed. **Calm mode** reduces animation; **Read to me** reads questions aloud.

Feedback that leads to another try

Student response	What happens next
Correct answer	Clears the checkpoint. Checkpoint 5 has two parts, and Part A and Part B are kept separate.
First miss	A clue, then Try again on the SAME question.
Corrects with the clue	Cleared with support. The first answer stays in the record.
Misses again	Worked steps, then another question of the same kind with different numbers.

Ask: **What did the clue make you notice? Which step changed? What kind of question should I practice next?**

Results are optional

Open **My Trail Notes > Results**. They show each first answer, what happened next and how each skill went. Use **Print / Save PDF** or **Save results file (CSV)** when needed. Results are saved in this browser on this device only and do not sync; anyone using the same browser can see them, so treat them as **practice notes, not grades**. Students can use **Change my name** or **Erase my results on this device**.

No devices? Use the paper trips. The *Student Trips* PDF for each grade has one printable trip per level, with the game's own pictures, checkpoints and questions. Trips 1–2 use the main questions; trips 3–4 practice the same kinds with new numbers. The *Teacher Guide and Key* PDF has the answers, the game's clue and worked steps for each question, common wrong answers and a class record sheet.

Purpose and feedback

Grade 3: unit fractions, number lines, equal fractions, comparing. Grade 4: equivalent fractions and comparing with different denominators. Grade 5: adding and subtracting, fractions as division, multiplying, dividing with unit fractions. Each grade has 20 questions in 10 kinds. Original practice informed by published mathematics expectations and public assessment resources. It is not an official Pearson, NAVVY or WY-TOPP assessment and does not use their test questions. Results do not predict test scores or establish competency. Built and reviewed with AI tools; no human classroom trial of this revision yet. Feedback: hello@polemountainlearning.com. Please omit student names and information.