

$\frac{1}{10} = \frac{10}{100}$

$= \frac{10}{100}$

$0.1 = 0.10$

$\frac{1}{10} = \frac{10}{100}$

**Engineering Marvels**

# Roller Coasters

Dividing Fractions

Ben Nussbaum

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# The Big Day

“Wake up, sleepyheads! Don’t you remember that today is our birthday? We can’t be late.” Mom and Dad roll over in bed, blink their eyes, and yawn.

Zachary and Elizabeth are twins. They have been looking forward to this day for a long time. To celebrate their birthday, the family is going to Excitement Zone, an amusement park.

Soon, the twins are eating breakfast while Dad packs for the trip. “We have to be at Excitement Zone when it opens,” says Elizabeth, as she eats her scrambled eggs.

“That’s when the lines for the roller coasters are shortest,” Zachary adds.

“I’m looking forward to it,” replies Mom.

“I’m looking forward to coming back home,” Dad mutters from the kitchen. He doesn’t really like roller coasters. Elizabeth quickly reminds him that he promised to ride at least one roller coaster.

The twins have been reading about coasters to prepare for their special day. On the drive, they tell their parents about Russian Mountains. These man-made sledding hills were popular in parts of Russia hundreds of years ago. “They’re sort of like the parents of roller coasters,” declares Elizabeth.

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