

## Lesson 2: Sums and Differences of Fractions

- Let's practice solving problems involving fractions.

### Warm-up: Number Talk: Wholes and Units

Find the value of each expression mentally.

- $38 + 62$

- $38\frac{2}{6} + 62\frac{3}{6}$

- $38\frac{2}{6} + 62\frac{3}{6} + 17\frac{1}{6}$

- $138\frac{2}{6} + 162\frac{3}{6} + 17\frac{2}{6}$



## 2.2: Tall Enough for a Ride?

Lin's class is on a trip to the amusement park. Visitors must be at least a certain height to get on rides. Use the table to answer questions about four students' height.

ride	height requirement
tilt and spin	52 inches
roller coaster	54 inches
bumper cars	44 inches

- Andre is  $3\frac{3}{8}$  inches shorter than the height requirement for the roller coaster. How tall is Andre?
- Lin is  $\frac{18}{8}$  inches taller than Andre. How tall is Lin?
- Elena was  $1\frac{3}{4}$  inches too short to ride the bumper cars last year. Since then she grew  $4\frac{1}{2}$  inches. How tall was Elena last year? How tall is she now?
- Mai is tall enough to ride all the rides this year. Mai was  $51\frac{7}{8}$  inches tall last year. At least how many inches did Mai grow?