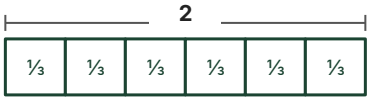
Finding the Whole

Fractions

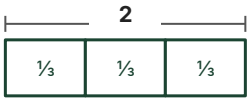
Name: _____ Date: _____ Grade 6

1. Which tape diagram best represents the expression $2 \div \frac{1}{3}$?

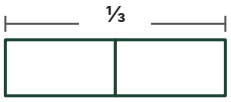
A



B



C



2. Calculate $1 \div \frac{3}{4}$. Draw a diagram if it helps. _____

3. Pia picked 1 cup of cherries, which is enough for $1\frac{1}{3}$ batches of cherry muffins. How many cups does she need for 1 batch?

4. Max painted $\frac{5}{2}$ square yards of wall with 2 gallons of paint. How many gallons did he use for each square yard?

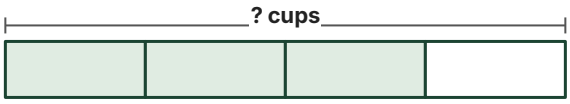
Problems 5–6: Complete the tape diagram to represent and solve each problem.

5. **Trey picked 2.5 cups of blueberries, which is enough for $\frac{5}{6}$ of a pan of blueberry crisp. How many cups does he need for a whole pan?**



Answer: _____

6. **Tonya picked 9 cups of apples, which is enough for $\frac{3}{4}$ of a pan of apple crisp. How many cups does she need for a whole pan?**



Answer: _____

7. **$\frac{2}{5}$ of the students at a school ride bikes to school. If 160 students ride bikes, how many students attend the school?**

8. **Calculate $\frac{3}{5} \div \frac{1}{4}$. Show or explain your thinking.**