How Many in One Group?

Fractions

Name: _____ Date: _____ Grade 6

Problems 1–4: Maria is planting tomato seedlings in garden beds. Determine how many seedlings fill 1 whole bed. Draw a diagram if it helps with your thinking.

1. **12 seedlings fill $\frac{1}{2}$ of a bed.** _____

2. **10 seedlings fill $\frac{2}{3}$ of a bed.** _____

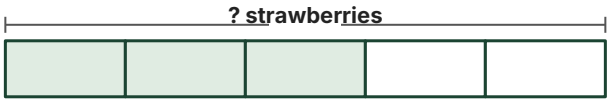
3. **4 seedlings fill $\frac{1}{5}$ of a bed.** _____

4. **9 seedlings fill $\frac{3}{4}$ of a bed.** _____

5. **Describe a situation that the expression $8 \div \frac{2}{3}$ could represent. Then find its value.**

Problems 6–7: Kenji picks 15 strawberries. They fill $\frac{3}{5}$ of a bowl.

6. **Label the tape diagram to represent Kenji's situation.**



7. **How many strawberries fill 1 whole bowl?** _____

8. **Sam uses 6 gallons of paint to paint $\frac{3}{4}$ of a fence. How many gallons does he need to paint the whole fence?**

9. **28 flowers fill 4 window boxes. How many flowers fill 1 window box?**

10. **20 apples fill $\frac{2}{5}$ of a crate. Select <u>all</u> the equations that could be used to find how many apples fill 1 crate.**

- ☐ **A.** $20 \div \frac{2}{5} = ?$
- ☐ **B.** $\frac{2}{5} \cdot ? = 20$
- ☐ **C.** $20 \cdot \frac{2}{5} = ?$
- ☐ **D.** $\frac{2}{5} \div 20 = ?$

How many apples fill 1 crate? _____

11. **Ella says, "If 6 cups of flour fill $\frac{1}{3}$ of a canister, then the canister holds 2 cups." Do you agree? Explain your thinking.**