

Lesson 4 Problem-Solving Practice

Add and Subtract Unlike Fractions

MARBLES For Exercises 1–4, use the table showing colors of marbles.

Color	Fraction
Red	—
Blue	—
Green	—
Yellow	—
Pink	—
Purple	—
White	—

Add and Subtract Unlike Fractions Algorithm

1) **Create multiple list**

2) **Choose Least Common Denominator**

3) **Multiply to find equivalent fractions**

4) **Add numerators**

5) **Reduce Fractions**

1. What fraction of the marbles are red or blue?	2. What fraction of the marbles are green or purple?
3. What fraction represents how many more purple marbles there are than yellow ones?	4. What fraction represents how many more white marbles there are than pink ones?
5. GRADES If $\frac{1}{4}$ of the students got an A And $\frac{1}{8}$ of them got a B, what fraction of the students got an A or a B?	6. WATER AEROBICS If $\frac{1}{3}$ of the people in a water aerobics class are over age 65 and $\frac{1}{4}$ of the people in the class are under age 40, what fraction of the people in the class are either over 65 or under 40?