

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 | $\frac{3}{50}$ |
| Blue | $\frac{3}{25}$ |
| Green | $\frac{3}{10}$ |
| Yellow | $\frac{1}{25}$ |
| Pink | $\frac{1}{10}$ |
| Purple | $\frac{1}{5}$ |
| White | $\frac{9}{50}$ |

| | |
|---|--|
| <p>1. What fraction of the marbles are red or blue?</p> $\frac{9}{50}$ | <p>2. What fraction of the marbles are green or purple?</p> $\frac{1}{2}$ |
| <p>3. What fraction represents how many more purple marbles there are than yellow ones?</p> $\frac{4}{25}$ | <p>4. What fraction represents how many more white marbles there are than pink ones?</p> $\frac{2}{25}$ |
| <p>5. GRADES If $\frac{1}{3}$ of the students got an A and $\frac{2}{5}$ of them got a B, what fraction of the students got an A or a B?</p> $\frac{11}{15}$ | <p>6. WATER AEROBICS If $\frac{5}{8}$ 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?</p> $\frac{7}{8}$ |