



## 7

Name \_\_\_\_\_

Date \_\_\_\_\_

Decompose to make like units. Then add or subtract.

$$1. \quad \frac{2}{4} + \frac{3}{12} = \frac{2 \times 3}{4 \times 3} + \frac{3}{12}$$

$$= \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

$$2. \quad \frac{12}{15} - \frac{2}{5} = \frac{12}{15} - \frac{2 \times \boxed{\quad}}{5 \times \boxed{\quad}}$$

$$= \underline{\quad} - \underline{\quad}$$

$$= \underline{\quad}$$

$$3. \quad \frac{5}{6} + \frac{16}{24} = \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad} + \underline{\quad}$$

$$= \underline{\quad}$$

$$4. \quad \frac{37}{28} - \frac{5}{7} = \underline{\quad} - \underline{\quad}$$

$$= \underline{\quad} - \underline{\quad}$$

$$= \underline{\quad}$$

Compose to make like units. Then add or subtract.

$$5. \frac{2}{4} + \frac{3}{12} = \frac{2}{4} + \frac{3 \div 3}{12 \div 3}$$

$$= \underline{\quad\quad} + \underline{\quad\quad}$$

$$= \underline{\quad\quad}$$

$$6. \frac{12}{15} - \frac{2}{5} = \frac{12 \div \boxed{\quad}}{15 \div \boxed{\quad}} - \frac{2}{5}$$

$$= \underline{\quad\quad} - \underline{\quad\quad}$$

$$= \underline{\quad\quad}$$

$$7. \frac{5}{6} + \frac{16}{24} = \underline{\quad\quad} + \underline{\quad\quad}$$

$$\underline{\quad\quad} \quad \underline{\quad\quad}$$

$$= \underline{\quad\quad}$$

$$8. \frac{36}{28} - \frac{5}{7} = \underline{\quad\quad} - \underline{\quad\quad}$$

$$= \underline{\quad\quad} - \underline{\quad\quad}$$

$$= \underline{\quad\quad}$$

Make like units. Then add or subtract.

9.  $\frac{20}{50} + \frac{4}{10} =$  \_\_\_\_\_

10.  $\frac{21}{27} - \frac{3}{9} =$  \_\_\_\_\_

11.  $\frac{8}{14} + \frac{17}{28} =$  \_\_\_\_\_

12.  $\frac{10}{5} - \frac{28}{35} =$  \_\_\_\_\_

13.  $\frac{11}{9} + \frac{24}{36} =$  \_\_\_\_\_

14.  $\frac{53}{45} - \frac{7}{9} =$  \_\_\_\_\_

15.  $\frac{54}{48} + \frac{16}{8} =$  \_\_\_\_\_

16.  $\frac{9}{7} - \frac{17}{42} =$  \_\_\_\_\_

17. Leo and Tyler both correctly found  $\frac{32}{56} + \frac{6}{7}$ . Look at their work. Which method would you use? Explain why.

**Leo's Way**

$$\frac{32}{56} + \frac{6 \times 8}{7 \times 8} = \frac{32}{56} + \frac{48}{56} = \frac{80}{56}$$

**Tyler's Way**

$$\frac{32 \div 8}{56 \div 8} + \frac{6}{7} = \frac{4}{7} + \frac{6}{7} = \frac{10}{7}$$

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Use the Read–Draw–Write process to solve the problem.

18. Sana spent  $\frac{3}{5}$  of her money on a pair of shoes,  $\frac{1}{5}$  of her money on a pair of pants, and  $\frac{1}{10}$  of her money on a shirt. What fraction of her money did Sana spend?