

## ADDING MIXED NUMBERS

## ANSWERS

BEFORE WORKING ON THIS HANDOUT YOU SHOULD KNOW HOW TO ADD MIXED NUMBERS THAT HAVE FRACTIONS WITH COMMON AND UNLIKE DENOMINATORS. YOU SHOULD ALSO KNOW HOW TO CHANGE AN IMPROPER FRACTION TO A MIXED NUMBER.

Add the mixed numbers. Make sure the final answer is in simplest form.

$$1. \quad 6 \frac{2}{7} + 8 \frac{3}{7} \\ \quad \quad \quad 14 \frac{5}{7}$$

$$2. \quad 4 \frac{1}{5} + 7 \frac{3}{5} \\ \quad \quad \quad 11 \frac{4}{5}$$

$$3. \quad \frac{2}{9} + 5 \frac{7}{9} \\ \quad \quad \quad 6$$

$$4. \quad 5 \frac{1}{6} + 2 \frac{5}{8} \\ \quad \quad \quad 7 \frac{19}{24}$$

$$5. \quad 3 \frac{2}{5} + 6 \frac{1}{2} \\ \quad \quad \quad 9 \frac{9}{10}$$

$$6. \quad 9 \frac{1}{4} + 8 \frac{2}{3} \\ \quad \quad \quad 17 \frac{11}{12}$$

$$7. \quad 9 \frac{1}{2} + 2 \frac{5}{8} \\ \quad \quad \quad 12 \frac{1}{8}$$

$$8. \quad 7 \frac{9}{10} + 8 \frac{1}{4} \\ \quad \quad \quad 16 \frac{3}{20}$$

$$9. \quad 4 \frac{13}{18} + 7 \frac{2}{3} \\ \quad \quad \quad 12 \frac{7}{18}$$

$$10. \quad 6 \frac{3}{5} + 7 \frac{2}{5} \\ \quad \quad \quad 14$$

$$11. \quad 4 \frac{6}{13} + 4 \frac{2}{3} \\ \quad \quad \quad 9 \frac{5}{39}$$

$$12. \quad 6 \frac{1}{3} + 5 \frac{5}{9} \\ \quad \quad \quad 11 \frac{8}{9}$$

$$13. \quad 7 \frac{10}{11} + \frac{1}{2} \\ \quad \quad \quad 8 \frac{9}{22}$$

$$14. \quad 8 \frac{5}{6} + 3 \frac{4}{15} \\ \quad \quad \quad 12 \frac{1}{10}$$

$$15. \quad 7 \frac{7}{16} + 2 \frac{5}{16} \\ \quad \quad \quad 9 \frac{3}{4}$$