

Adding Two Mixed Fractions (A)

Name: _____

Date: _____

Score: _____

Calculate each sum.

$$1. \quad 1\frac{5}{7} + 2\frac{2}{14} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Convert ↑ Denominator Solve Simplify Convert ↓

$$2. \quad 1\frac{4}{5} + 1\frac{12}{20} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$3. \quad 2\frac{1}{9} + 1\frac{5}{18} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$4. \quad 2\frac{1}{8} + 1\frac{11}{16} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$5. \quad 1\frac{2}{9} + 2\frac{2}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$6. \quad 2\frac{3}{8} + 1\frac{1}{2} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$7. \quad 1\frac{4}{7} + 2\frac{4}{14} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$8. \quad 1\frac{4}{7} + 2\frac{12}{14} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$9. \quad 1\frac{1}{2} + 1\frac{10}{18} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad}$$

$$10. \quad 1\frac{4}{7} + 1\frac{8}{14} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad} = \underline{\quad} = \underline{\quad}$$

Adding Two Mixed Fractions (A) Answers

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Calculate each sum.

$$1. \quad 1\frac{5}{7} + 2\frac{2}{14} = \frac{12}{7} + \frac{30}{14} = \frac{24}{14} + \frac{30}{14} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

$$2. \quad 1\frac{4}{5} + 1\frac{12}{20} = \frac{9}{5} + \frac{32}{20} = \frac{36}{20} + \frac{32}{20} = \frac{68}{20} = \frac{17}{5} = 3\frac{2}{5}$$

$$3. \quad 2\frac{1}{9} + 1\frac{5}{18} = \frac{19}{9} + \frac{23}{18} = \frac{38}{18} + \frac{23}{18} = \frac{61}{18} = 3\frac{7}{18}$$

$$4. \quad 2\frac{1}{8} + 1\frac{11}{16} = \frac{17}{8} + \frac{27}{16} = \frac{34}{16} + \frac{27}{16} = \frac{61}{16} = 3\frac{13}{16}$$

$$5. \quad 1\frac{2}{9} + 2\frac{2}{3} = \frac{11}{9} + \frac{8}{3} = \frac{11}{9} + \frac{24}{9} = \frac{35}{9} = 3\frac{8}{9}$$

$$6. \quad 2\frac{3}{8} + 1\frac{1}{2} = \frac{19}{8} + \frac{3}{2} = \frac{19}{8} + \frac{12}{8} = \frac{31}{8} = 3\frac{7}{8}$$

$$7. \quad 1\frac{4}{7} + 2\frac{4}{14} = \frac{11}{7} + \frac{32}{14} = \frac{22}{14} + \frac{32}{14} = \frac{54}{14} = \frac{27}{7} = 3\frac{6}{7}$$

$$8. \quad 1\frac{4}{7} + 2\frac{12}{14} = \frac{11}{7} + \frac{40}{14} = \frac{22}{14} + \frac{40}{14} = \frac{62}{14} = \frac{31}{7} = 4\frac{3}{7}$$

$$9. \quad 1\frac{1}{2} + 1\frac{10}{18} = \frac{3}{2} + \frac{28}{18} = \frac{27}{18} + \frac{28}{18} = \frac{55}{18} = 3\frac{1}{18}$$

$$10. \quad 1\frac{4}{7} + 1\frac{8}{14} = \frac{11}{7} + \frac{22}{14} = \frac{22}{14} + \frac{22}{14} = \frac{44}{14} = \frac{22}{7} = 3\frac{1}{7}$$