



ADDING IMPROPER FRACTIONS SHEET 3

Add these improper fractions together.

You can give your answer as an improper fraction – no simplifying is needed.

$$1) \frac{7}{4} + \frac{5}{3} = \frac{21}{12} + \frac{20}{12} = \frac{\underline{\hspace{2cm}}}{12} \quad 2) \frac{3}{2} + \frac{4}{3} = \frac{9}{6} + \frac{8}{6} = \frac{\underline{\hspace{2cm}}}{6}$$

$$3) \frac{8}{5} + \frac{5}{4} = \frac{\underline{\hspace{2cm}}}{20} + \frac{\underline{\hspace{2cm}}}{20} = \frac{\underline{\hspace{2cm}}}{20} \quad 4) \frac{7}{6} + \frac{6}{5} = \frac{\underline{\hspace{2cm}}}{30} + \frac{\underline{\hspace{2cm}}}{30} = \frac{\underline{\hspace{2cm}}}{30}$$

$$5) \frac{7}{6} + \frac{8}{5} = \frac{\underline{\hspace{2cm}}}{30} + \frac{\underline{\hspace{2cm}}}{30} = \frac{\underline{\hspace{2cm}}}{30} \quad 6) \frac{11}{3} + \frac{9}{4} = \frac{\underline{\hspace{2cm}}}{12} + \frac{\underline{\hspace{2cm}}}{12} = \frac{\underline{\hspace{2cm}}}{12}$$

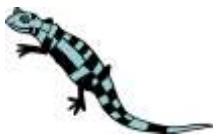
$$7) \frac{5}{2} + \frac{11}{9} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \quad 8) \frac{11}{8} + \frac{7}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$9) \frac{9}{8} + \frac{6}{5} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \quad 10) \frac{12}{5} + \frac{5}{2} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$11) \frac{11}{4} + \frac{7}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \quad 12) \frac{8}{3} + \frac{13}{5} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$13) \frac{11}{6} + \frac{7}{5} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \quad 14) \frac{11}{9} + \frac{5}{4} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$

$$15) \frac{9}{5} + \frac{11}{3} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}} \quad 16) \frac{9}{4} + \frac{8}{7} = \underline{\hspace{1cm}} + \underline{\hspace{1cm}} = \underline{\hspace{1cm}}$$





ADDING FRACTIONS SHEET 3 ANSWERS

$$1) \frac{7}{4} + \frac{5}{3} = \frac{21}{12} + \frac{20}{12} = \frac{41}{12} \quad 2) \frac{3}{2} + \frac{4}{3} = \frac{9}{6} + \frac{8}{6} = \frac{17}{6}$$

$$3) \frac{8}{5} + \frac{5}{4} = \frac{32}{20} + \frac{25}{20} = \frac{57}{20} \quad 4) \frac{7}{6} + \frac{6}{5} = \frac{35}{30} + \frac{36}{30} = \frac{71}{30}$$

$$5) \frac{7}{6} + \frac{8}{5} = \frac{35}{30} + \frac{48}{30} = \frac{83}{30} \quad 6) \frac{11}{3} + \frac{9}{4} = \frac{44}{12} + \frac{27}{12} = \frac{71}{12}$$

$$7) \frac{5}{2} + \frac{11}{9} = \frac{45}{18} + \frac{22}{18} = \frac{67}{18} \quad 8) \frac{11}{8} + \frac{7}{3} = \frac{33}{24} + \frac{56}{24} = \frac{89}{24}$$

$$9) \frac{9}{8} + \frac{6}{5} = \frac{45}{40} + \frac{48}{40} = \frac{93}{40} \quad 10) \frac{12}{5} + \frac{5}{2} = \frac{24}{10} + \frac{25}{10} = \frac{49}{40}$$

$$11) \frac{11}{4} + \frac{7}{3} = \frac{33}{12} + \frac{28}{12} = \frac{61}{12} \quad 12) \frac{8}{3} + \frac{13}{5} = \frac{40}{15} + \frac{39}{15} = \frac{79}{15}$$

$$13) \frac{11}{6} + \frac{7}{5} = \frac{55}{30} + \frac{42}{30} = \frac{97}{30} \quad 14) \frac{11}{9} + \frac{5}{4} = \frac{44}{36} + \frac{45}{36} = \frac{89}{36}$$

$$15) \frac{9}{5} + \frac{11}{3} = \frac{27}{15} + \frac{55}{15} = \frac{82}{15} \quad 16) \frac{9}{4} + \frac{8}{7} = \frac{63}{28} + \frac{32}{28} = \frac{95}{28}$$