



## ADDING IMPROPER FRACTIONS SHEET 2

Add these improper fractions together.

Give your answer as an improper fraction – no simplifying is needed.

$$1) \frac{7}{4} + \frac{5}{3} = \frac{7 \times 3}{4 \times 3} + \frac{5 \times 4}{3 \times 4} = \frac{21}{12} + \frac{20}{12} = \underline{\underline{\quad}}$$

$$2) \frac{3}{2} + \frac{4}{3} = \frac{3 \times 3}{2 \times 3} + \frac{4 \times 2}{3 \times 2} = \frac{9}{6} + \frac{8}{6} = \underline{\underline{\quad}}$$

$$3) \frac{6}{5} + \frac{7}{4} = \frac{6 \times 4}{5 \times 4} + \frac{7 \times 5}{4 \times 5} = \frac{24}{20} + \frac{35}{20} = \underline{\underline{\quad}}$$

$$4) \frac{7}{5} + \frac{5}{2} = \frac{7 \times 2}{5 \times 2} + \frac{5 \times 5}{2 \times 5} = \frac{14}{10} + \frac{25}{10} = \underline{\underline{\quad}}$$

$$5) \frac{9}{7} + \frac{5}{3} = \frac{9 \times 3}{7 \times 3} + \frac{5 \times 7}{3 \times 7} = \frac{27}{21} + \frac{35}{21} = \underline{\underline{\quad}}$$

$$6) \frac{11}{9} + \frac{7}{2} = \frac{11 \times 2}{9 \times 2} + \frac{7 \times 9}{2 \times 9} = \frac{22}{18} + \frac{63}{18} = \underline{\underline{\quad}}$$

$$7) \frac{7}{3} + \frac{9}{8} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$8) \frac{10}{7} + \frac{7}{4} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$9) \frac{13}{10} + \frac{7}{3} = \underline{\quad} + \underline{\quad} = \underline{\quad} + \underline{\quad} = \underline{\quad}$$





## ADDING IMPROPER FRACTIONS SHEET 2 ANSWERS

Add these improper fractions together.

Give your answer as an improper fraction – no simplifying is needed.

$$1) \frac{7}{4} + \frac{5}{3} = \frac{7 \times 3}{4 \times 3} + \frac{5 \times 4}{3 \times 4} = \frac{21}{12} + \frac{20}{12} = \frac{41}{12}$$

$$2) \frac{3}{2} + \frac{4}{3} = \frac{3 \times 3}{2 \times 3} + \frac{4 \times 2}{3 \times 2} = \frac{9}{6} + \frac{8}{6} = \frac{17}{6}$$

$$3) \frac{6}{5} + \frac{7}{4} = \frac{6 \times 4}{5 \times 4} + \frac{7 \times 5}{4 \times 5} = \frac{24}{20} + \frac{35}{20} = \frac{59}{20}$$

$$4) \frac{7}{5} + \frac{5}{2} = \frac{7 \times 2}{5 \times 2} + \frac{5 \times 5}{2 \times 5} = \frac{14}{10} + \frac{25}{10} = \frac{39}{10}$$

$$5) \frac{9}{7} + \frac{5}{3} = \frac{9 \times 3}{7 \times 3} + \frac{5 \times 7}{3 \times 7} = \frac{27}{21} + \frac{35}{21} = \frac{62}{21}$$

$$6) \frac{11}{9} + \frac{7}{2} = \frac{11 \times 2}{9 \times 2} + \frac{7 \times 9}{2 \times 9} = \frac{22}{18} + \frac{63}{18} = \frac{85}{18}$$

$$7) \frac{7}{3} + \frac{9}{8} = \frac{7 \times 8}{3 \times 8} + \frac{9 \times 3}{8 \times 3} = \frac{56}{24} + \frac{27}{24} = \frac{83}{24}$$

$$8) \frac{10}{7} + \frac{7}{4} = \frac{10 \times 4}{7 \times 4} + \frac{7 \times 7}{4 \times 7} = \frac{40}{28} + \frac{49}{28} = \frac{89}{28}$$

$$9) \frac{13}{10} + \frac{7}{3} = \frac{13 \times 3}{10 \times 3} + \frac{7 \times 10}{3 \times 10} = \frac{39}{30} + \frac{70}{30} = \frac{109}{30}$$

