Adding fractions– questions 6 and 33

$1\dfrac{8}{10}$ + $5\dfrac{1^{\,x5}}{2_{\,x5}}$ =

Find a common multiple of the 2 denominators and write both fractions as equivalent fractions over the new denominator.

$1\dfrac{8}{10}$ + $5\dfrac{5}{10}$ =

Add the numerators together.

$6\dfrac{13}{10}$ =

If you are left with a mixed number and an improper fraction, convert to a mixed number.

$7\dfrac{3}{10}$

1) $4\dfrac{1}{2} + 6\dfrac{1}{4}$

2) $4\dfrac{1}{2} + 5\dfrac{2}{3}$

3) $3\dfrac{1}{5} + 7\dfrac{2}{3}$

4) $3\dfrac{2}{4} + 5\dfrac{8}{10}$

5) $1\dfrac{2}{3} + 8\dfrac{1}{2}$

6) $5\dfrac{1}{4} + 6\dfrac{2}{3}$

7) $4\dfrac{3}{4} + 5\dfrac{5}{10}$

8) $3\dfrac{1}{2} + 4\dfrac{1}{3}$

$1\dfrac{8}{10} + 5\dfrac{1}{2}\,{}^{x\,5}_{x5} =$ Find a common multiple of the 2 denominators and write both fractions as equivalent fractions over the new denominator.

$1\dfrac{8}{10} + 5\dfrac{5}{10} =$ Add the numerators together.

$6\dfrac{13}{10} =$ If you are left with a mixed number and an improper fraction, convert to a mixed number.

$7\dfrac{3}{10}$

1) $2\dfrac{1}{2} + 4\dfrac{1}{3} =$ 5) $1\dfrac{3}{5} + 8\dfrac{3}{4} =$

2) $1\dfrac{4}{5} + 9\dfrac{1}{3} =$ 6) $5\dfrac{5}{10} + 9\dfrac{1}{2} =$

3) $5\dfrac{2}{5} + 5\dfrac{2}{3} =$ 7) $6\dfrac{1}{2} + 9\dfrac{1}{3} =$

4) $3\dfrac{1}{10} + 8\dfrac{1}{4} =$ 8) $1\dfrac{2}{3} + 8\dfrac{1}{2} =$

$1 \frac{8}{10} + 5 \frac{1 \, x5}{2 \, x5} =$

Find a common multiple of the 2 denominators and write both fractions as equivalent fractions over the new denominator.

$1 \frac{8}{10} + 5 \frac{5}{10} =$

Add the numerators together.

$6 \frac{13}{10} =$

If you are left with a mixed number and an improper fraction, convert to a mixed number.

$7 \frac{3}{10}$

1) $6 \frac{4}{5} + 8 \frac{3}{4} =$

5) $2 \frac{1}{5} + 9 \frac{3}{4} =$

2) $1 \frac{1}{2} + 9 \frac{4}{5} =$

6) $4 \frac{1}{3} + 6 \frac{8}{10} =$

3) $6 \frac{3}{10} + 8 \frac{1}{2} =$

7) $6 \frac{2}{4} + 9 \frac{8}{10} =$

4) $5 \frac{7}{10} + 9 \frac{3}{4} =$

8) $2 \frac{3}{4} + 5 \frac{1}{10} =$

$1\dfrac{8}{10} + 5\dfrac{1}{2}\,^{x5}_{x5} =$ Find a common multiple of the 2 denominators and write both fractions as equivalent fractions over the new denominator.

$1\dfrac{8}{10} + 5\dfrac{5}{10} =$ Add the numerators together.

$6\dfrac{13}{10} =$ If you are left with a mixed number and an improper fraction, convert to a mixed number.

$7\dfrac{3}{10}$

1) $6\dfrac{4}{5} + 8\dfrac{3}{4} =$ 5) $2\dfrac{1}{5} + 9\dfrac{3}{4} =$

2) $1\dfrac{1}{2} + 9\dfrac{4}{5} =$ 6) $4\dfrac{1}{3} + 6\dfrac{8}{10} =$

3) $6\dfrac{3}{10} + 8\dfrac{1}{2} =$ 7) $6\dfrac{2}{4} + 9\dfrac{8}{10} =$

4) $5\dfrac{7}{10} + 9\dfrac{3}{4} =$ 8) $2\dfrac{3}{4} + 5\dfrac{1}{10} =$

Sheet 1

1) $4\frac{1}{2} + 6\frac{1}{4} = \quad 4\frac{2}{4} + 6\frac{1}{4} = \quad 10\frac{3}{4}$

2) $4\frac{1}{2} + 5\frac{2}{3} = \quad 4\frac{3}{6} + 5\frac{4}{6} = \quad 9\frac{7}{6} = \quad 10\frac{1}{6}$

3) $3\frac{1}{5} + 7\frac{2}{3} = \quad 3\frac{3}{15} + 7\frac{10}{15} = \quad 10\frac{13}{15}$

4) $3\frac{2}{4} + 5\frac{8}{10} = \quad 3\frac{10}{20} + 5\frac{16}{20} = \quad 8\frac{26}{20} = \quad 9\frac{3}{10}$

5) $1\frac{2}{3} + 8\frac{1}{2} = \quad 1\frac{4}{6} + 8\frac{3}{6} = \quad 9\frac{7}{6} = \quad 10\frac{1}{6}$

6) $5\frac{1}{4} + 8\frac{2}{3} = \quad 5\frac{3}{12} + 8\frac{8}{12} = \quad 13\frac{11}{12}$

7) $4\frac{3}{4} + 5\frac{5}{10} = \quad 4\frac{15}{20} + 5\frac{10}{20} = \quad 9\frac{25}{20} = \quad 10\frac{1}{4}$

8) $3\frac{1}{2} + 4\frac{1}{3} = \quad 3\frac{3}{6} + 4\frac{2}{6} = \quad 7\frac{5}{6}$

Sheet 2

1) $2\frac{1}{2} + 4\frac{1}{3} = \quad 2\frac{3}{6} + 4\frac{2}{6} = \quad 6\frac{5}{6}$

2) $1\frac{4}{5} + 9\frac{1}{3} = \quad 1\frac{12}{15} + 9\frac{5}{15} = \quad 10\frac{17}{15} = \quad 11\frac{2}{15}$

3) $5\frac{2}{5} + 5\frac{2}{3} = \quad 5\frac{6}{15} + 5\frac{10}{15} = \quad 10\frac{16}{15} = \quad 11\frac{1}{15}$

4) $3\frac{1}{10} + 8\frac{1}{4} = \quad 3\frac{2}{20} + 8\frac{5}{20} = \quad 11\frac{7}{20}$

5) $1\frac{3}{5} + 8\frac{3}{4} = \quad 1\frac{12}{20} + 8\frac{15}{20} = \quad 9\frac{27}{20} = \quad 10\frac{7}{20}$

6) $5\frac{5}{10} + 9\frac{1}{2} = \quad 5\frac{5}{10} + 9\frac{5}{10} = \quad 14\frac{10}{10} = \quad 15$

7) $6\frac{1}{2} + 9\frac{1}{3} = \quad 6\frac{3}{6} + 9\frac{2}{6} = \quad 15\frac{5}{6}$

8) $1\frac{2}{3} + 8\frac{1}{2} = \quad 1\frac{4}{6} + 8\frac{3}{6} = \quad 9\frac{7}{6} = \quad 10\frac{1}{6}$

Sheet 3

1) $6\frac{4}{5} + 8\frac{3}{4} =$ $6\frac{16}{20} + 8\frac{15}{20} =$ $14\frac{31}{20} =$ $15\frac{11}{20}$

2) $1\frac{1}{2} + 9\frac{4}{5} =$ $1\frac{5}{10} + 9\frac{8}{10} =$ $10\frac{13}{10} =$ $11\frac{3}{10}$

3) $6\frac{3}{10} + 8\frac{1}{2} =$ $6\frac{3}{10} + 8\frac{5}{10} =$ $14\frac{8}{10} =$ $14\frac{4}{5}$

4) $5\frac{7}{10} + 9\frac{3}{4} =$ $5\frac{14}{20} + 9\frac{15}{20} =$ $14\frac{29}{20} =$ $15\frac{9}{20}$

5) $2\frac{1}{5} + 9\frac{3}{4} =$ $2\frac{4}{20} + 9\frac{15}{20} =$ $11\frac{19}{20}$

6) $4\frac{1}{3} + 6\frac{8}{10} =$ $4\frac{10}{30} + 6\frac{24}{30} =$ $10\frac{34}{30} =$ $11\frac{2}{15}$

7) $6\frac{2}{4} + 9\frac{8}{10} =$ $6\frac{10}{20} + 9\frac{16}{20} =$ $15\frac{26}{20} =$ $16\frac{3}{10}$

8) $2\frac{3}{4} + 5\frac{1}{10} =$ $2\frac{15}{20} + 5\frac{2}{20} =$ $7\frac{17}{20}$

Sheet 4

1) $4\frac{2}{10} + 6\frac{3}{5} =$ $4\frac{2}{10} + 6\frac{6}{10} =$ $10\frac{8}{10} =$ $10\frac{4}{5}$

2) $5\frac{7}{10} + 9\frac{1}{2} =$ $5\frac{7}{10} + 9\frac{5}{10} =$ $14\frac{12}{10} =$ $15\frac{1}{5}$

3) $6\frac{1}{4} + 4\frac{6}{10} =$ $6\frac{5}{20} + 4\frac{12}{20} =$ $10\frac{17}{20}$

4) $1\frac{2}{4} + 8\frac{1}{3} =$ $1\frac{6}{12} + 8\frac{4}{12} =$ $9\frac{10}{12} =$ $9\frac{5}{6}$

5) $1\frac{1}{3} + 6\frac{1}{4} =$ $1\frac{4}{12} + 6\frac{3}{12} =$ $7\frac{7}{12}$

6) $3\frac{2}{10} + 5\frac{1}{4} =$ $3\frac{4}{20} + 5\frac{5}{20} =$ $8\frac{9}{20}$

7) $1\frac{1}{4} + 8\frac{3}{5} =$ $1\frac{5}{20} + 8\frac{12}{20} =$ $9\frac{17}{20}$

8) $3\frac{1}{2} + 5\frac{3}{4} =$ $3\frac{2}{4} + 5\frac{3}{4} =$ $8\frac{5}{4} =$ $9\frac{1}{4}$