

FRACTIONS: Adding fractions with the same denominators. Date:

Name:

Show your working. Where possible:

- simplify all answers;
- convert to mixed numbers.

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

ANSWERS

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<p>[1]</p> $\frac{4}{5} + \frac{3}{5} = \frac{7}{5} = \boxed{1\frac{2}{5}}$	<p>[2]</p> $\frac{1}{9} + \frac{2}{9} = \frac{3}{9} \div 3 = \frac{1}{3}$
<p>[3]</p> $\frac{3}{5} + \frac{3}{5} = \frac{6}{5} = \boxed{1\frac{1}{5}}$	<p>[4]</p> $\frac{3}{6} + \frac{3}{6} = \frac{6}{6} = \boxed{1}$
<p>[5]</p> $\frac{5}{8} + \frac{7}{8} = \frac{12}{8} \div 4 = \frac{3}{2} = \boxed{1\frac{1}{2}}$	<p>[6]</p> $\frac{5}{10} + \frac{7}{10} = \frac{12}{10} \div 2 = \frac{6}{5} = \boxed{1\frac{1}{5}}$
<p>[7]</p> $4\frac{4}{5} + \frac{1}{5} = \frac{5}{5} = \boxed{1}$ <p>Handwritten work shows a vertical addition of $4\frac{4}{5} + \frac{1}{5}$ resulting in 5.</p>	<p>[8]</p> $4\frac{1}{9} + 1\frac{2}{9} = \frac{1}{9} + \frac{2}{9} = \frac{3}{9} = \frac{1}{3}$ <p>Handwritten work shows a vertical addition of $4\frac{1}{9} + 1\frac{2}{9}$ resulting in $5\frac{1}{3}$.</p>
<p>[9]</p> $4\frac{8}{10} + \frac{6}{10} = \frac{14}{10} \div 2 = \frac{7}{5} = 1\frac{2}{5}$ <p>Handwritten work shows a vertical addition of $4\frac{8}{10} + \frac{6}{10}$ resulting in $5\frac{2}{5}$.</p>	<p>[10]</p> $1\frac{8}{9} + 3\frac{6}{9} = \frac{8}{9} + \frac{6}{9} = \frac{14}{9} = 1\frac{5}{9}$ <p>Handwritten work shows a vertical addition of $1\frac{8}{9} + 3\frac{6}{9}$ resulting in $5\frac{5}{9}$.</p>