

Extra werkblad bij het **leerwerkboek "Breuken voor groep 7 en 8"** van De Sommenfabriek.  
**21B | breuken met teller 1 en ongelijke noemers optellen**

$$\frac{1}{8} + \frac{1}{3} =$$

$$\frac{1}{12} + \frac{1}{4} =$$

$$\frac{1}{9} + \frac{1}{12} =$$

$$\frac{1}{12} + \frac{1}{10} =$$

$$\frac{1}{12} + \frac{1}{5} =$$

$$\frac{1}{10} + \frac{1}{2} =$$

$$\frac{1}{12} + \frac{1}{9} =$$

$$\frac{1}{10} + \frac{1}{7} =$$

$$\frac{1}{9} + \frac{1}{12} =$$

$$\frac{1}{9} + \frac{1}{3} =$$

$$\frac{1}{12} + \frac{1}{6} =$$

$$\frac{1}{9} + \frac{1}{3} =$$

$$\frac{1}{2} + \frac{1}{7} =$$

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



$$\frac{1}{8} + \frac{1}{3} = \frac{3}{24} + \frac{8}{24} = \frac{11}{24}$$

*(Multiplication factors: 3 for denominator 8, 8 for denominator 3)*

$$\frac{1}{12} + \frac{1}{4} = \frac{1}{12} + \frac{3}{12} = \frac{4}{12} = \frac{1}{3}$$

*(Multiplication factor: 3 for denominator 4)*

$$\frac{1}{9} + \frac{1}{12} = \frac{4}{36} + \frac{3}{36} = \frac{7}{36}$$

*(Multiplication factors: 4 for denominator 9, 3 for denominator 12)*

$$\frac{1}{12} + \frac{1}{10} = \frac{5}{60} + \frac{6}{60} = \frac{11}{60}$$

*(Multiplication factors: 5 for denominator 12, 6 for denominator 10)*

$$\frac{1}{12} + \frac{1}{5} = \frac{5}{60} + \frac{12}{60} = \frac{17}{60}$$

*(Multiplication factors: 5 for denominator 12, 12 for denominator 5)*

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

*(Multiplication factor: 5 for denominator 2)*

$$\frac{1}{12} + \frac{1}{9} = \frac{3}{36} + \frac{4}{36} = \frac{7}{36}$$

*(Multiplication factors: 3 for denominator 12, 4 for denominator 9)*

$$\frac{1}{10} + \frac{1}{7} = \frac{7}{70} + \frac{10}{70} = \frac{17}{70}$$

*(Multiplication factors: 7 for denominator 10, 10 for denominator 7)*

$$\frac{1}{9} + \frac{1}{12} = \frac{4}{36} + \frac{3}{36} = \frac{7}{36}$$

*(Multiplication factors: 4 for denominator 9, 3 for denominator 12)*

$$\frac{1}{9} + \frac{1}{3} = \frac{1}{9} + \frac{3}{9} = \frac{4}{9}$$

*(Multiplication factor: 3 for denominator 3)*

$$\frac{1}{12} + \frac{1}{6} = \frac{1}{12} + \frac{2}{12} = \frac{3}{12} = \frac{1}{4}$$

*(Multiplication factor: 2 for denominator 6)*

$$\frac{1}{9} + \frac{1}{3} = \frac{1}{9} + \frac{3}{9} = \frac{4}{9}$$

*(Multiplication factor: 3 for denominator 3)*

$$\frac{1}{2} + \frac{1}{7} = \frac{7}{14} + \frac{2}{14} = \frac{9}{14}$$

*(Multiplication factors: 7 for denominator 2, 2 for denominator 7)*

$$\frac{1}{8} + \frac{1}{10} = \frac{5}{40} + \frac{4}{40} = \frac{9}{40}$$

*(Multiplication factors: 5 for denominator 8, 4 for denominator 10)*

