

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

$$\frac{9}{11} + \frac{2}{3} =$$

$$\frac{5}{9} + \frac{5}{5} =$$

$$\frac{9}{10} + \frac{3}{11} =$$

$$\frac{3}{11} + \frac{6}{8} =$$

$$\frac{7}{11} + \frac{2}{8} =$$

$$\frac{8}{10} + \frac{8}{4} =$$

$$\frac{4}{5} + \frac{7}{10} =$$



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$$\frac{9}{11} + \frac{2}{3} = \frac{27}{33} + \frac{22}{33} = \frac{49}{33} = 1\frac{16}{33}$$

Diagram showing the conversion of $\frac{9}{11}$ to $\frac{27}{33}$ (multiplied by 3) and $\frac{2}{3}$ to $\frac{22}{33}$ (multiplied by 11).

$$\frac{5}{9} + \frac{5}{5} = \frac{25}{45} + \frac{45}{45} = \frac{70}{45} = 1\frac{25}{45} = 1\frac{5}{9}$$

Diagram showing the conversion of $\frac{5}{9}$ to $\frac{25}{45}$ (multiplied by 5) and $\frac{5}{5}$ to $\frac{45}{45}$ (multiplied by 9).

$$\frac{9}{10} + \frac{3}{11} = \frac{99}{110} + \frac{30}{110} = \frac{129}{110} = 1\frac{19}{110}$$

Diagram showing the conversion of $\frac{9}{10}$ to $\frac{99}{110}$ (multiplied by 11) and $\frac{3}{11}$ to $\frac{30}{110}$ (multiplied by 10).

$$\frac{3}{11} + \frac{6}{8} = \frac{24}{88} + \frac{66}{88} = \frac{90}{88} = 1\frac{2}{88} = 1\frac{1}{44}$$

Diagram showing the conversion of $\frac{3}{11}$ to $\frac{24}{88}$ (multiplied by 8) and $\frac{6}{8}$ to $\frac{66}{88}$ (multiplied by 11).

$$\frac{7}{11} + \frac{2}{8} = \frac{56}{88} + \frac{22}{88} = \frac{78}{88} = \frac{39}{44}$$

Diagram showing the conversion of $\frac{7}{11}$ to $\frac{56}{88}$ (multiplied by 8) and $\frac{2}{8}$ to $\frac{22}{88}$ (multiplied by 11).

$$\frac{8}{10} + \frac{8}{4} = \frac{16}{20} + \frac{40}{20} = \frac{56}{20} = 2\frac{16}{20} = 2\frac{4}{5}$$

Diagram showing the conversion of $\frac{8}{10}$ to $\frac{16}{20}$ (multiplied by 2) and $\frac{8}{4}$ to $\frac{40}{20}$ (multiplied by 5).

$$\frac{4}{5} + \frac{7}{10} = \frac{8}{10} + \frac{7}{10} = \frac{15}{10} = 1\frac{5}{10} = 1\frac{1}{2}$$

Diagram showing the conversion of $\frac{4}{5}$ to $\frac{8}{10}$ (multiplied by 2).

