

分數的乘除簡化計算

想一想，怎麼算比較好算？算算看。

① $3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$

分數的乘除簡化計算

想一想，怎麼算比較好算？算算看。

$$\textcircled{1} \quad 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7}$$

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$$\textcircled{1} \quad 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4}$$

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$$\textcircled{1} \quad 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

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$$\begin{aligned} \textcircled{1} \quad & 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5} \\ &= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5} \\ &= \frac{22}{7} \end{aligned}$$

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$$\textcircled{1} \quad 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{22}{7} \times \frac{4}{11}$$

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$$\textcircled{1} 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{22}{7} \times \frac{4}{11} \times \frac{7}{5}$$

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$$\textcircled{1} \quad 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{22}{7} \times \frac{4}{11} \times \frac{7}{5}$$

先約分再計算

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$$\textcircled{1} 3\frac{1}{7} \div 2\frac{3}{4} \times 1\frac{2}{5}$$

$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{\overset{2}{\cancel{22}}}{7} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{7}{5}$$

先約分再計算

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$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

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$$= \frac{22}{7} \div \frac{11}{4} \times \frac{7}{5}$$

$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

$$= \frac{8}{5}$$

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$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

先約分再計算

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$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4}$$

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$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8$$

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$$= \frac{8}{5}$$

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先約分再計算

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$$= \frac{\overset{2}{\cancel{22}}}{\underset{1}{\cancel{7}}} \times \frac{4}{\underset{1}{\cancel{11}}} \times \frac{\cancel{7}^1}{5}$$

$$= \frac{8}{5}$$

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先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4}$$

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$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \times \frac{1}{8}$$

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$$= \frac{8}{5}$$

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先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \times \frac{1}{8} \times \frac{16}{15}$$

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$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \times \frac{1}{8} \times \frac{16}{15}$$

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先約分再計算

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$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{\overset{1}{\cancel{5}}}{4} \times \frac{1}{8} \times \frac{16}{\underset{3}{\cancel{15}}}$$

先約分再計算

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$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

先約分再計算

$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{\overset{1}{\cancel{5}}}{4} \times \frac{1}{\underset{1}{\cancel{8}}} \times \frac{\overset{16}{\cancel{16}}}{\underset{3}{\cancel{15}}}$$

先約分再計算

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$$\textcircled{2} \quad 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{4}}} \times \frac{1}{\underset{1}{\cancel{8}}} \times \frac{\overset{16}{\cancel{16}}}{\underset{3}{\cancel{15}}}$$

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$$= \frac{8}{5}$$

$$= 1\frac{3}{5}$$

先約分再計算

$$\textcircled{2} 1\frac{1}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{5}{4} \div 8 \div \frac{15}{16}$$

$$= \frac{\overset{1}{\cancel{5}}}{\underset{2}{\cancel{4}}} \times \frac{1}{\underset{1}{\cancel{8}}} \times \frac{\overset{16}{\cancel{16}}}{\underset{3}{\cancel{15}}}$$

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

先約分再計算