

FRACTIONS DRILL

Reduce $\frac{12}{18}$ to its lowest terms.

Reduce $\frac{2}{7}$ to its lowest terms.

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

$$\frac{2}{3} + \frac{1}{9} = ?$$

$$\frac{7}{8} - \frac{1}{2} = ?$$

$$\frac{15}{16} - \frac{3}{4} = ?$$

$$\frac{2}{9} \times \frac{4}{5} = ?$$

$$\frac{2}{3} \times \frac{3}{8} = ?$$

$$\frac{4}{3} \div \frac{1}{3} = ?$$

$$\frac{5}{8} \div \frac{2}{3} = ?$$

Solutions

$$\begin{aligned}\frac{12}{18} &= \\ \frac{2 \cdot \cancel{6}}{3 \cdot \cancel{6}} &= \\ \frac{2 \cdot \cancel{6}}{3 \cdot \cancel{6}} &= \frac{2}{3}\end{aligned}$$

$\frac{2}{7}$ cannot be reduced further.

$$\begin{aligned}\frac{1}{4} + \frac{3}{4} &= \\ \frac{1+3}{4} &= \\ \frac{4}{4} &= 1\end{aligned}$$

$$\frac{2}{3} + \frac{1}{9} =$$

$$\frac{6}{9} + \frac{1}{9} = \frac{7}{9}$$

$$\frac{7}{8} - \frac{1}{2} =$$

$$\frac{7}{8} - \frac{4}{8} = \frac{3}{8}$$

$$\frac{15}{16} - \frac{3}{4} =$$

$$\frac{15}{16} - \frac{12}{16} =$$

$$\frac{15-12}{16} = \frac{3}{16}$$

$$\frac{2}{9} \times \frac{4}{5} =$$

$$\frac{2 \times 4}{9 \times 5} = \frac{8}{45}$$

$$\frac{2}{3} \times \frac{3}{8} =$$

$$\frac{\cancel{2}}{\cancel{3}} \times \frac{\cancel{3}}{8} =$$

$$\frac{2}{8} = \frac{1}{4}$$

$$\frac{4}{3} \div \frac{1}{3} =$$

$$\frac{4}{3} \times \frac{3}{1} =$$

$$\frac{\cancel{4}}{\cancel{3}} \times \frac{\cancel{3}}{1} =$$

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

$$\frac{5}{8} \div \frac{2}{3} =$$

$$\frac{5}{8} \times \frac{3}{2} =$$

$$\frac{5 \times 3}{8 \times 2} = \frac{15}{16}$$

PSAT Resource Links

PSAT Online Practice Tests: <https://www.crackpsat.net/psat/>

❖ PSAT Reading Practice Tests:

<https://www.crackpsat.net/psat/reading/>

❖ PSAT Writing and Language Tests:

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❖ PSAT Math Practice Tests:

<https://www.crackpsat.net/psat/math/>

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