Multiplying and Dividing Fractions

Simplify your answers where possible.

Calculate

(a) $\frac{1}{3} \times \frac{1}{4}$ (b) $\frac{1}{3} \times \frac{2}{7}$

(c) $\frac{1}{2} \times \frac{2}{9}$ (d) $\frac{3}{4} \times \frac{2}{5}$

Calculate

(a) $\frac{1}{5} \times 2$ (b) $\frac{2}{11} \times 4$

(c) $4 \times \frac{3}{15}$ (d) $3 \times \frac{5}{18}$

Calculate

(a) $\frac{2}{3} \div \frac{1}{3}$ (b) $\frac{8}{9} \div \frac{2}{9}$

(c) $\frac{1}{2} \div \frac{6}{7}$ (d) $\frac{3}{4} \div \frac{8}{9}$

Calculate

(a) $\frac{3}{5} \div 2$ (b) $\frac{2}{3} \div 4$

(c) $4 \div \frac{1}{2}$ (d) $3 \div \frac{3}{8}$

Calculate, giving your answers in their simplest form:

(a) $1\frac{2}{3} \times 2\frac{1}{5}$ (b) $2\frac{3}{5} \times 1\frac{5}{6}$

(c) $3\frac{1}{2} \times \frac{2}{5}$ (d) $2\frac{1}{4} \times 3\frac{3}{10}$

(e) $\frac{1}{8} \div 1\frac{1}{2}$ (f) $2\frac{1}{4} \div \frac{1}{2}$

(g) $3\frac{2}{5} \div 1\frac{3}{4}$ (h) $2\frac{5}{6} \div 1\frac{2}{3}$