**Multiplying and Dividing Fractions**

Simplify your answers where possible.

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

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

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

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

(e) $\frac{2}{3}×\frac{5}{9}$ (f) $\frac{5}{6}×\frac{3}{4}$

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

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

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

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

(e) $\frac{1}{3}÷\frac{2}{5}$ (f) $\frac{5}{6}÷\frac{1}{4}$

(a) $\frac{7}{8}×\frac{2}{5}×\frac{1}{3}$ (b) $\frac{3}{8}×\frac{1}{5}×\frac{5}{6}$

(c) $\frac{7}{9}×\frac{1}{2}÷\frac{2}{11}$ (d) $\frac{43}{50}×\frac{1}{5}÷\frac{7}{20}$

(a) A rectangle has an area of $\frac{3}{8}$ cm2. If the width is $\frac{1}{2}$ cm, calculate the length.

(b) A box is $\frac{1}{6}$ cm long, $\frac{2}{3} $cm wide, and $\frac{7}{9}$ cm high. Calculate the volume of the box.

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