

Multiplying Fractions

Workout

Question 1:

- | | | | |
|--------------------|--------------------|--------------------|---------------------|
| (a) $\frac{1}{10}$ | (b) $\frac{3}{8}$ | (c) $\frac{3}{20}$ | (d) $\frac{1}{9}$ |
| (e) $\frac{5}{12}$ | (f) $\frac{3}{16}$ | (g) $\frac{2}{21}$ | (h) $\frac{5}{24}$ |
| (i) $\frac{1}{3}$ | (j) $\frac{1}{4}$ | (k) $\frac{3}{20}$ | (l) $\frac{1}{10}$ |
| (m) $\frac{3}{14}$ | (n) $\frac{1}{14}$ | (o) $\frac{7}{18}$ | (p) $\frac{4}{7}$ |
| (q) $\frac{4}{21}$ | (r) $\frac{1}{4}$ | (s) $\frac{3}{10}$ | (t) $\frac{11}{25}$ |
| (u) $\frac{9}{22}$ | (v) $\frac{7}{15}$ | (w) $\frac{3}{10}$ | (x) $\frac{1}{6}$ |

Question 2:

- | | | | |
|-------------------|--------------------|--------------------|--------------------|
| (a) $\frac{3}{5}$ | (b) $\frac{7}{8}$ | (c) $\frac{2}{5}$ | (d) 15 |
| (e) 6 | (f) 8 | (g) $1\frac{2}{3}$ | (h) $3\frac{1}{5}$ |
| (i) 16 | (j) $2\frac{2}{7}$ | (k) 10 | (l) 72 |

Question 3:

- | | | | |
|---------------------|---------------------|----------------------|---------------------|
| (a) $\frac{5}{12}$ | (b) $\frac{1}{2}$ | (c) $1\frac{1}{8}$ | (d) $1\frac{3}{4}$ |
| (e) $\frac{5}{6}$ | (f) $2\frac{1}{12}$ | (g) $7\frac{2}{3}$ | (h) $1\frac{5}{99}$ |
| (i) $6\frac{7}{30}$ | (j) $3\frac{2}{3}$ | (k) $7\frac{13}{16}$ | (l) $9\frac{1}{7}$ |

Apply

Question 1: $1\frac{1}{20}$

Question 2: $\frac{14}{45}$

Question 3: $\frac{9}{40}\text{cm}^2$

Question 4: 5

Question 5: $\frac{3}{4}$

Question 6: $1\frac{201}{490}$

Question 7: £38.50

Question 8:

Work out

$$\frac{1}{3} \times \frac{1}{6}$$

$$\frac{2}{18} = \frac{1}{9}$$

He has added

$$1 + 1 =$$

$$\frac{1}{3} \times \frac{1}{6} = \frac{1}{18}$$

Work out

$$1\frac{3}{10} \times 2\frac{1}{2}$$

$$\frac{13}{10} \times \frac{5}{2} = \frac{75}{20} \Rightarrow \frac{65}{20} = \frac{13}{4}$$

$$60\frac{15}{20}$$

$$60\frac{3}{4}$$