

Fractions

Question 1

Work out these multiplication questions. You can use the space below to help.

$$\mathbf{a} \quad 2 \times \frac{8}{9} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{b} \quad 8 \times \frac{4}{5} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{c} \quad 6 \times \frac{5}{7} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{d} \quad 5 \times \frac{2}{4} = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{e} \quad \frac{1}{4} \times 7 = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{f} \quad \frac{2}{7} \times 9 = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{g} \quad \frac{3}{5} \times 3 = \frac{\square}{\square} = \square \frac{\square}{\square}$$

$$\mathbf{h} \quad \frac{3}{5} \times 4 = \frac{\square}{\square} = \square \frac{\square}{\square}$$



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Question 2

Work out these multiplication questions:

a $\frac{9}{7} \times 3 = \square \frac{\square}{\square}$

b $\frac{17}{3} \times \square = 22 \frac{2}{3}$

c $\frac{5}{3} \times 7 = \square \frac{\square}{\square}$

d $\frac{6}{5} \times 2 = \square \frac{\square}{\square}$

e $\frac{9}{4} \times 1 = \square \frac{\square}{\square}$

f $\frac{11}{7} \times 6 = \square \frac{\square}{\square}$

g $\frac{13}{12} \times 3 = \square \frac{\square}{\square}$

h $\frac{7}{6} \times 7 = \square \frac{\square}{\square}$

i $\frac{\square}{\square} \times 11 = 19 \frac{8}{10}$

j $\frac{12}{5} \times \square = 19 \frac{1}{5}$

k $\frac{5}{3} \times 17 = \square \frac{\square}{\square}$

l $\frac{4}{3} \times 8 = \square \frac{\square}{\square}$



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Question 3

Can you solve these mixed number calculations? Use the space below to help.

a $2 \frac{7}{8} \times 4 = \boxed{} \frac{\boxed{}}{\boxed{}}$

b $3 \frac{7}{16} \times \boxed{} = 6 \frac{14}{16}$

c $3 \frac{2}{5} \times 3 = \boxed{} \frac{\boxed{}}{\boxed{}}$

d $\boxed{} \frac{\boxed{}}{\boxed{}} \times 2 = 11 \frac{2}{4}$

e $3 \frac{4}{8} \times \boxed{} = 24 \frac{4}{8}$

f $6 \frac{1}{2} \times 3 = \boxed{} \frac{\boxed{}}{\boxed{}}$



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Question 4

Can you solve these word problems?

Use the working out space below to help.

- a** A trifle recipe requires $2\frac{1}{5}$ cups of sugar. A chocolate cake recipe requires twice as much sugar. How many cups of sugar go into the cake?

	—		cups

- b** A man runs $2\frac{1}{4}$ kilometres. The next day he runs three times this distance. How far did he run on the second day?

	—		kilometres

- c** Ava used $6\frac{3}{5}$ boxes of nails to build a cupboard. How many boxes will Ava need to build 4 cupboards?

	—		boxes

