

QUESTION 1 Multiply the following fractions.

a $\frac{1}{3} \times \frac{1}{3} =$ _____ b $\frac{2}{5} \times \frac{2}{5} =$ _____ c $\frac{3}{7} \times \frac{3}{7} =$ _____

d $\frac{1}{5} \times \frac{1}{15} =$ _____ e $\frac{3}{4} \times \frac{4}{5} =$ _____ f $\frac{5}{6} \times \frac{6}{7} =$ _____

g $\frac{1}{12} \times \frac{1}{12} =$ _____ h $\frac{3}{25} \times \frac{1}{4} =$ _____ i $\frac{1}{5} \times \frac{3}{7} =$ _____

QUESTION 2 Multiply these fractions.

a $\frac{1}{5} \times \frac{2}{9} =$ _____ b $\frac{3}{7} \times \frac{4}{8} =$ _____ c $\frac{5}{9} \times \frac{6}{7} =$ _____

d $\frac{1}{3} \times \frac{5}{7} =$ _____ e $\frac{6}{8} \times \frac{2}{3} =$ _____ f $\frac{3}{4} \times \frac{5}{9} =$ _____

g $\frac{9}{10} \times \frac{11}{10} =$ _____ h $\frac{9}{11} \times \frac{10}{11} =$ _____ i $\frac{3}{4} \times \frac{9}{11} =$ _____

QUESTION 3 Work out the answers, as basic fractions, for the following.

a $\frac{9}{20} \times \frac{3}{5} =$ _____ b $\frac{2}{3} \times \frac{15}{16} =$ _____ c $\frac{3}{4} \times \frac{9}{11} =$ _____

d $\frac{2}{3}$ of $\frac{8}{9} =$ _____ e $\frac{3}{4}$ of $\frac{16}{21} =$ _____ f $\frac{2}{5}$ of $\frac{25}{36} =$ _____

g $\frac{5}{6} \times \frac{18}{20} =$ _____ h $\frac{1}{5} \times \frac{15}{16} =$ _____ i $\frac{3}{7} \times \frac{21}{24} =$ _____

j $\frac{3}{10} \times \frac{20}{33} =$ _____ k $\frac{5}{6} \times \frac{18}{19} =$ _____ l $\frac{3}{7} \times \frac{21}{26} =$ _____

QUESTION 4 Simplify the following.

a $\frac{2}{3} \times 6 =$ _____ b $\frac{4}{9} \times 27 =$ _____ c $\frac{5}{6} \times 36 =$ _____

d $\frac{8}{9} \times 54 =$ _____ e $\frac{7}{10} \times 100 =$ _____ f $\frac{5}{8} \times 72 =$ _____

g $\frac{1}{5} \times 125 =$ _____ h $\frac{1}{4} \times 48 =$ _____ i $\frac{3}{7} \times 343 =$ _____

j $\frac{4}{5} \times 200 =$ _____ k $\frac{6}{13} \times 169 =$ _____ l $\frac{8}{9} \times 729 =$ _____