

QUESTION 3 Simplify the following products.

a $\frac{x}{4} \times \frac{y}{5} =$ _____

b $\frac{a}{3} \times \frac{a}{4} =$ _____

c $\frac{a}{b} \times \frac{m}{n} =$ _____

d $\frac{ab}{10} \times \frac{5}{a} =$ _____

e $\frac{x^2}{y^2} \times \frac{y^2}{x^2} =$ _____

f $\frac{8m}{3a} \times \frac{12a}{16m} =$ _____

QUESTION 1 Find the products of these algebraic fractions.

a $\frac{a}{3} \times \frac{a}{4} =$ _____

b $\frac{x}{5} \times \frac{y}{6} =$ _____

c $\frac{m}{2} \times \frac{m}{3} =$ _____

d $\frac{p}{4} \times \frac{p}{8} =$ _____

e $\frac{a}{6} \times \frac{3}{x} =$ _____

f $\frac{15}{m} \times \frac{n}{5} =$ _____

g $\frac{5x}{3} \times \frac{15}{2x} =$ _____

h $\frac{x}{5} \times \frac{25}{x^2} =$ _____

i $\frac{8}{x^2} \times \frac{x}{16} =$ _____

j $\frac{2x}{y} \times \frac{y^2}{3x} =$ _____

k $\frac{ab}{4} \times \frac{16}{a^2b} =$ _____

l $\frac{5}{xy} \times \frac{y}{25} =$ _____

QUESTION 3 Simplify the following.

d $\frac{3a}{5} \div \frac{4a}{9} =$ _____

e $\frac{9a}{10} \div \frac{27a}{20} =$ _____

f $\frac{m}{n} \div \frac{m}{l} =$ _____

g $\frac{15m}{17} \div \frac{16m}{34} =$ _____

h $\frac{5a}{8} \div \frac{6a^2}{10} =$ _____

i $\frac{x}{y} \div \frac{x}{y} =$ _____

j $\frac{7y^2}{8} \div \frac{14y}{12} =$ _____

k $\frac{a^2b}{10} \div \frac{ab}{20} =$ _____

l $\frac{x^3}{y^3} \div \frac{x^2}{y^2} =$ _____

a $\frac{6mn}{15} \div \frac{m^2}{20} =$ _____

b $\frac{m}{8} \div \frac{m^3}{32} =$ _____

c $\frac{abc}{14} \div \frac{ab}{7} =$ _____