



22/12/23

Year 5/6 Holiday Maths
Homework

Multiplying Fractions by Fractions

Remember!

It can be easier to simplify first when multiplying fractions by fractions. Try simplifying the fractions before multiplying to find the answer in its simplest form.

$$\frac{\text{numerator} \times \text{numerator}}{\text{denominator} \times \text{denominator}}$$

a. $\frac{1}{3} \times \frac{2}{5} =$

b. $\frac{3}{4} \times \frac{1}{2} =$

c. $\frac{1}{2} \times \frac{4}{5} =$

d. $\frac{1}{4} \times \frac{2}{3} =$

e. $\frac{2}{3} \times \frac{2}{5} =$

f. $\frac{3}{5} \times \frac{2}{4} =$

g. $\frac{3}{4} \times \frac{3}{5} =$

h. $\frac{2}{6} \times \frac{2}{5} =$

Match the questions to the correct answer.

i. $\frac{8}{12} \times \frac{6}{8}$

• $\frac{3}{4} \times \frac{8}{9}$

j. $\frac{1}{21}$

• $\frac{1}{2}$

k. $\frac{2}{5} \times \frac{10}{12}$

• $\frac{2}{6}$

l. $\frac{2}{3}$

• $\frac{3}{7} \times \frac{1}{9}$

- Year 5

Year 6

Divide Fractions

Calculate the following. Give your answer in the simplest form.

1. $\frac{3}{5} \div 2 =$

6. $\frac{1}{4} \div 7 =$

2. $\frac{1}{2} \div 2 =$

7. $\frac{7}{8} \div 3 =$

3. $\frac{3}{4} \div 6 =$

8. $\frac{7}{9} \div 5 =$

4. $\frac{5}{6} \div 2 =$

9. $\frac{5}{12} \div 6 =$

5. $\frac{5}{8} \div 4 =$

10. $\frac{2}{5} \div 4 =$

