22/12/23

Year 5/6 Holiday Maths Homework

Year 5

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.

> numerator x numerator denominator x denominator

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

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

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

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$$\frac{1}{4} \times \frac{2}{3} =$$
 (e.) $\frac{2}{3} \times \frac{2}{5} =$ (f.) $\frac{3}{5} \times \frac{2}{4} =$

$$\oint \frac{3}{5} \times \frac{2}{4} =$$

$$9. \frac{3}{4} \times \frac{3}{5} =$$

(g.)
$$\frac{3}{4} \times \frac{3}{5} =$$
 (h.) $\frac{2}{6} \times \frac{2}{5} =$

Match the questions to the correct answer.

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

$$\frac{3}{4} \times \frac{8}{9}$$

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

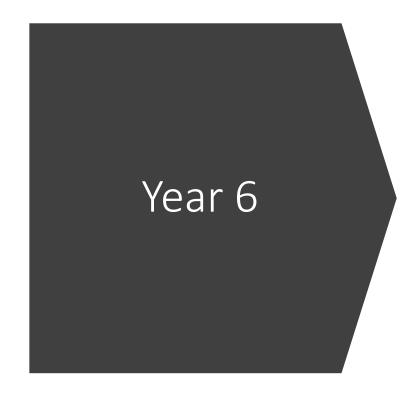
$$\frac{1}{2}$$

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

$$\frac{2}{6}$$

$$\frac{3}{7} \times \frac{1}{9}$$

How to Divide a Fraction by a Whole Number | Math with Mr. J (youtube.com)



Divide Fractions

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

1.
$$\frac{3}{5}$$
 ÷ 2 = 6. $\frac{1}{4}$ ÷ 7 =

2.
$$\frac{1}{2}$$
 ÷ 2 = $\boxed{}$ 7. $\frac{7}{8}$ ÷ 3 =

3.
$$\frac{3}{4} \div 6 = \boxed{ 8. \frac{7}{9} \div 5 = \boxed{ }}$$

4.
$$\frac{5}{6}$$
 ÷ 2 = 9. $\frac{5}{12}$ ÷ 6 =

5.
$$\frac{5}{8} \div 4 = \boxed{ 10. \frac{2}{5} \div 4 = \boxed{ }}$$

