

DIVIDING FRACTIONS

Answer all of these questions. Remember to show your working out in all questions.

MAIN QUESTIONS

1.

$$\frac{1}{2} \div \frac{1}{4}$$

3.

$$\frac{2}{3} \div \frac{4}{5}$$

5.

$$\frac{7}{8} \div \frac{1}{4}$$

7.

$$\frac{9}{10} \div \frac{3}{5}$$

9.

$$5 \div \frac{1}{3}$$

11.

$$\frac{1}{2} \div 3$$

13.

$$2 \frac{1}{2} \div \frac{1}{4}$$

15.

$$4 \frac{2}{5} \div 1 \frac{1}{5}$$

17.

$$\frac{7}{8} \div 0.5$$

19.

$$1 \frac{1}{4} \div 0.2$$

21.

$$\frac{5}{9} \div \frac{10}{27}$$

2.

$$\frac{3}{4} \div \frac{1}{2}$$

4.

$$\frac{5}{6} \div \frac{2}{3}$$

6.

$$\frac{4}{5} \div \frac{3}{10}$$

8.

$$\frac{11}{12} \div \frac{2}{3}$$

10.

$$8 \div \frac{2}{5}$$

12.

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

14.

$$3 \frac{1}{3} \div \frac{2}{3}$$

16.

$$5 \frac{3}{4} \div 2 \frac{1}{2}$$

18.

$$\frac{2}{3} \div 0.25$$

20.

$$\frac{3}{7} \div \frac{2}{7}$$

22.

$$\frac{12}{13} \div \frac{6}{13}$$

23.

$$15/16 \div 5/8$$

25.

$$8/9 \div 16/27$$

27.

$$13/18 \div 26/27$$

29.

$$19/24 \div 38/48$$

24.

$$7/12 \div 14/15$$

26.

$$11/15 \div 22/45$$

28.

$$17/20 \div 34/35$$

30.

$$23/30 \div 46/60$$

MASTER QUESTIONS



M1.

A recipe requires $3/4$ cup of flour to make 12 biscuits. How much flour is needed for 1 biscuit?

M2.

A 5 metre ribbon is cut into pieces that are each $1/3$ metre long. How many pieces are there?

M3.

A car uses $2/5$ of a litre of petrol to travel 10 kilometres. How far can it travel on 1 litre?

M4.

A water tank contains 120 litres. If each bucket holds $3/8$ of a litre, how many buckets can be filled?

M5.

A piece of wood $4 \frac{1}{2}$ metres long is cut into sections that are each $3/4$ metre long. How many sections are created?

M6.

A recipe calls for $2 \frac{1}{4}$ cups of sugar to make 18 cupcakes. How much sugar is needed for 6 cupcakes?

M7.

A painter uses $3/5$ of a tin of paint to cover 15 square metres. How much paint is needed for 1 square metre?

M8.

M9.

A bag of flour weighing $2\frac{1}{2}$ kilograms is divided into packets that each hold $\frac{1}{8}$ kilogram. How many packets are filled?

M10.

A rectangular garden has an area of $12\frac{3}{4}$ square metres and a width of $2\frac{1}{2}$ metres. What is its length?