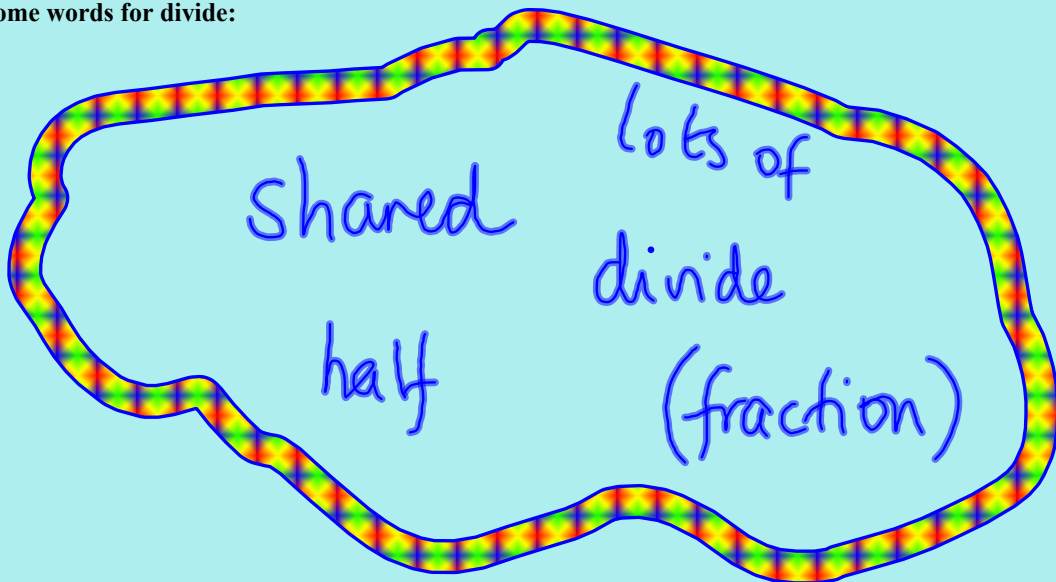


# Division

29-03-10

Some words for divide:



What does  $135 \div 5$  mean?

How many ways do you know of doing this?

135

$$5 \times 10 = 50$$

$$5 \times 10 = \underline{50}$$

100

$$5 \times 7 = \underline{35}$$

$$75 \div 3 = 25 \quad 3 \times 20 = 60$$

$$\begin{array}{r} 3 \times 5 = 15 \\ \hline 25 \end{array} \quad \begin{array}{r} 3 \times 5 = 15 \\ \hline 75 \end{array}$$

Using this method have a go at:

$$1) 412 \div 4 = 103$$

$$\begin{array}{l} 4 \times 100 = 400 \\ 4 \times 3 = 12 \end{array}$$

$$2) 342 \div 3 = 114$$

$$\begin{array}{l} 3 \times 100 = 300 \\ 3 \times 10 = 30 \\ 3 \times 4 = 12 \end{array}$$

$$3) 706 \div 5 = 141 \text{ r } 1$$

$$4) 854 \div 7 = 122$$

$$5) 6014 \div 8 = 751 \text{ r } 6$$

$$\begin{array}{l} 7 \times 100 = 700 \\ 7 \times 10 = 70 \\ \hline 770 \end{array}$$

$$\begin{array}{l} 7 \times 10 = 70 \\ \hline 840 \end{array}$$

$$\begin{array}{l} 7 \times 2 = 14 \\ \hline 854 \end{array}$$

$$5 \times 100 = 500$$

$$5 \times 40 = 200$$

$$5 \times 1 = 5$$

$$8 \times 500 = 4000$$

$$8 \times 250 = 2000$$

$$8 \times 1 = 8$$

You can apply the same method for dividing by 2 digit numbers.  
Try these:

$$8670 \div 85 = 102$$

$$\begin{array}{r} 85 \times 100 = 8500 \\ 85 \times 2 = 170 \\ \hline 8670 \\ \hline \hline \end{array}$$

$$1) 1092 \div 78 = 14$$

$$78 \times 10 = 780$$

$$78 \times 5 = 390$$

$$2) 972 \div 81 = 12$$

$$\begin{array}{r} 10 \cancel{1} 7 2 0 \\ \hline \end{array}$$

$$3) 2835 \div 45 = 63$$

$$78$$

$$4) 2346 \div 23 = 102$$

$$\begin{array}{r} 1092 \\ \hline \hline \end{array}$$

$$5) 6448 \div 62 = 104$$

$$81 \times 10 = 810$$

$$81 \times 2 = 162$$

$$\begin{array}{r} 972 \\ \hline \end{array}$$

Easier

$$253 \div 23 = 11$$

$$1176 \div 56 = 21$$

$$990 \div 45 = 22$$

Harder

$$3916 \div 44 = 89$$

$$2088 \div 58 =$$