

Division



Division is a short way of performing several Subtractions, and shews how often one Number is contained in another, and what remains, and its parts are four.

- It
1. The Dividend or sum to be Divided
 2. The Divisor or sum Divided by
 3. The Quotient, or Answer to the question
 4. and lastly the Rem^d (if any) which must be always less than the Divisor, and of the same name with Dividend

Examples

$$\begin{array}{r} 2 \overline{) 4976327453} \\ \underline{2488163726 \frac{1}{2}} \end{array}$$

$$\begin{array}{r} 7 \overline{) 25726725} \\ \underline{3689532 \frac{1}{2}} \end{array}$$

$$\begin{array}{r} 3 \overline{) 93456789} \\ \underline{31152263} \end{array}$$

$$\begin{array}{r} 8 \overline{) 92372672} \\ \underline{11546584} \end{array}$$

$$\begin{array}{r} 4 \overline{) 8235732} \\ \underline{2058933} \end{array}$$

$$\begin{array}{r} 9 \overline{) 72672672} \\ \underline{8074741 \frac{2}{9}} \end{array}$$

$$\begin{array}{r} 5 \overline{) 932726} \\ \underline{186545 \frac{1}{5}} \end{array}$$

$$\begin{array}{r} 6 \overline{) 936726} \\ \underline{156121} \end{array}$$

$$\begin{array}{r} 10 \overline{) 67326745} \\ \underline{6732674 \frac{1}{10}} \end{array}$$

Divisor	Dividend	Quotient
324	476248	(1469
	324	Proof
	1522	
	1296	
	2264	
	1944	
	3208	
	2916	
	292	

$$\begin{array}{r} 1469 \\ 324 \\ \hline \end{array}$$

$$5876$$

$$2938$$

$$4407292$$

$$476248$$

Proof

Divisor	Dividend	Quotient
4722	76257944	(16149
	4722	
	29039	
	28332	
	7079	
	4722	
	23574	
	18888	
	46864	
	42498	
	4366	

Divisor	Dividend	Quotient
3766	84763948	(22507
	7532	
	9443	
	7532	
	19119	
	18830	
	28948	
	26362	
	2586	

Divisor	Dividend	Quotient
9955	79483475	(7984
	69685	
	97984	
	89595	
	83897	
	79640	
	42575	
	39820	
	2755	

Divisor	Dividend	Quotient
9584	4762749	(496
	38336	Proof
	92914	
	86256	
	66589	
	57504	
	4366	

Divisor	Dividend	Quotient
4476	3800703	(849
	35808	
	21990	
	17904	
	40863	
	40284	
	579	

Division of divers denominations

When the Divisor is such a Number that any two figures being Multiplied together will make the Divisor, it is shorter to Divide the Given Number by any of those figures, and that Quotient by the other, as 5 times 7 is 35, and so of any other Number, as will Appear in the following Examples

Examples

Divide £ 8740 equally
Among 21 Men

$$\begin{array}{r}
 \text{£} \\
 21 \left\{ \begin{array}{l} 3 \overline{) 8740} \\ 7 \overline{) 2913} \text{ " } 6 \text{ " } 8 \\ \hline 416 \text{ " } 3 \text{ " } 9 \frac{1}{2} \frac{6}{7} \end{array} \right.
 \end{array}$$

Divide £ 9740 equally among
840 Men

$$\begin{array}{r}
 \text{£} \\
 840 \left\{ \begin{array}{l} 12 \overline{) 9740} \\ 7 \overline{) 81} \text{ " } 3 \text{ " } 4 \\ \hline 11 \text{ " } 11 \text{ " } 10 \frac{3}{4} \frac{3}{7} \end{array} \right.
 \end{array}$$

Answer Tom Perry

What cost 1 Gallon of Brandy when
24 Gallons Cost 22 " 11 " 6 Pence

$$\begin{array}{r}
 \text{£} \quad \text{S} \quad \text{D} \\
 6 \overline{) 22} \text{ " } 11 \text{ " } 6 \\
 4 \overline{) 3} \text{ " } 15 \text{ " } 9 \\
 \hline 0 \text{ " } 18 \text{ " } 11 \frac{1}{2} \text{ Answer}
 \end{array}$$

What cost 1 Tun of Iron when
84 Tons Cost 1000 Shillings

$$\begin{array}{r}
 \text{£} \\
 84 \left\{ \begin{array}{l} 7 \overline{) 1000} \\ 12 \overline{) 142} \text{ " } 17 \text{ " } 1 \frac{1}{2} \text{ " } 6 \\ \hline 11 \text{ " } 18 \text{ " } 10 \frac{18}{84} \frac{11}{7} \end{array} \right.
 \end{array}$$

Answer Tom Perry

What Cost 1 yard of Linnen when
200 yards Cost 27^l 14^s 10^d;

$$\begin{array}{r}
 \text{L } \text{S } \text{D} \\
 20 \overline{) 27 \text{ " } 14 \text{ " } 10} \\
 \underline{10 \text{ " } 2 \text{ " } 15 \text{ " } 5 \frac{3}{4} \text{ " } 2} \\
 \underline{ \text{ " } 5 \text{ " } 6 \frac{1}{2} \text{ " } \frac{32}{100} \text{ " } \frac{8}{25} \text{ "}} \text{ Answer}
 \end{array}$$

What Cost 1 Hhd, Rum when
42 Hhd. Cost 7520^l 14^s 3^d

$$\begin{array}{r}
 \text{L } \text{S } \text{D} \\
 42 \overline{) 7520 \text{ " } 14 \text{ " } 3} \\
 \underline{6 \text{ " } 10 \text{ " } 7 \text{ " } 10 \frac{1}{4}} \\
 \underline{ \text{ " } 179 \text{ " } 1 \text{ " } 3 \frac{1}{2} \text{ " } \frac{35}{42} \text{ or } \frac{5}{6} \text{ "}} \text{ Answer}
 \end{array}$$

What Cost 1 Gallon of Brandy
when the price of 44 Gallons is

$$\begin{array}{r}
 \text{L } \text{S } \text{D} \quad \text{Demand} \\
 44 \overline{) 11 \text{ " } 15 \text{ " } 6} \\
 \underline{4 \text{ " } 1 \text{ " } 1 \text{ " } 4 \frac{3}{4} \text{ " } 7} \\
 \underline{ \text{ " } 0 \text{ " } 5 \text{ " } 4 \text{ " } 0 \frac{10}{44} \text{ or } \frac{10}{11} \text{ "}} \text{ Answer}
 \end{array}$$

Divide 72^l 4^s 9^d between
36 Men what is each mans part

$$\begin{array}{r}
 \text{L } \text{S } \text{D} \\
 36 \overline{) 72 \text{ " } 4 \text{ " } 9} \\
 \underline{6 \text{ " } 12 \text{ " } 0 \text{ " } 9 \frac{1}{2}} \\
 \underline{ \text{ " } 2 \text{ " } 0 \text{ " } 1 \frac{1}{2} \text{ " } \frac{12}{36} \text{ or } \frac{1}{3}}
 \end{array}$$

Answer Thomas
Perry
Junior

Suppose an assessment
of 7890^l was laid upon Saint
Anns Parish, and 31 parishes
besides, What must each parish
pay by an equal proportion to-
wards raising such a Supply

$$\begin{array}{r}
 \text{L} \\
 4 \overline{) 7890 \text{ " } 1} \\
 \underline{8 \text{ " } 19725 \text{ " } 5} \\
 \underline{ \text{ " } 2465 \text{ " } 13 \text{ " } 1 \frac{1}{2} \text{ "}} \text{ Answer}
 \end{array}$$

Divide 244^l 3^s 2^d Among
18 Men, what is each mans part

$$\begin{array}{r}
 \text{yd } \text{Ls } \text{S} \\
 18 \overline{) 244 \text{ " } 3 \text{ " } 2} \\
 \underline{3 \text{ " } 40 \text{ " } 3 \text{ " } 1} \\
 \underline{ \text{ " } 13 \text{ " } 2 \text{ " } 1 \frac{12}{18} \text{ " } \frac{2}{3}} \text{ Answer}
 \end{array}$$

Divide 8436^l 1^s 12^d Among
27 Men Demand each mans part

$$\begin{array}{r}
 \text{L } \text{S } \text{D} \\
 27 \overline{) 8436 \text{ " } 1 \text{ " } 12} \\
 \underline{3 \text{ " } 2812 \text{ " } 0 \text{ " } 13 \text{ " } 1} \\
 \underline{ \text{ " } 312 \text{ " } 1 \text{ " } 23 \frac{1}{3} \text{ "}} \text{ Answer}
 \end{array}$$

A Gentleman having 50 to pay
Among his Labourers for a days work,
would give to every Boy 6 to every
Woman 8 and to every Man 16, the
number of men women and Boys was
equal, I demand the number of each
and the amount of their wages to
complete the 50 for a proof

$$\begin{array}{r} \text{D} \\ \{ \begin{array}{l} 6 \\ 8 \\ 16 \end{array} \} 30 \overline{) 600} \text{ pence} \\ \underline{30} \end{array}$$

20 Number of men women & boys

	D	L	S	D
20 Boys at 6 is.	0	10	0	0
20 women at 8 is.	0	13	0	4
20 Men at 16 is.	1	6	0	8
	<u>2</u>	<u>10</u>	<u>0</u>	<u>0</u>
				Proof

What Number Multiplied by 13
will give 221 in the Product?

$$\begin{array}{r} 13 \overline{) 221} \text{ (17 Answer)} \\ \underline{13} \\ 91 \\ \underline{91} \\ 0 \end{array}$$

$$\begin{array}{r} 17 \\ \underline{13} \\ 51 \\ \underline{17} \\ 221 \text{ Proof} \end{array}$$

£
100 is to be Divided among
As Men Viz; A B C & D
in Such manner that, as oft
as A has 3 B, to have 5 L
and as oft as B, has 5 C, to
have 7 L, and as oft as C, has
7 D, to have 10 L, what
must each person have I Demand

$$\begin{array}{r} \text{£} \\ 3 \\ 5 \\ 7 \\ 10 \\ \hline 25 \text{ Divisor} \end{array}$$

$$\begin{array}{r} \text{£} \\ 100 \\ \hline 25 \overline{) 300} \\ \underline{5} 60 \\ \hline 12 \text{ As part} \end{array}$$

$$\begin{array}{r} \text{£} \\ 100 \\ \hline 25 \overline{) 500} \\ \underline{5} 100 \\ \hline 20 \text{ Bs part} \end{array}$$

$$\begin{array}{r} \text{£} \\ 100 \\ \hline 25 \overline{) 500} \\ \underline{5} 140 \\ \hline 28 \text{ Cs part} \end{array}$$

$$\begin{array}{r} \text{£} \\ 100 \\ \hline 25 \overline{) 1000} \\ \underline{5} 200 \\ \hline 40 \text{ Ds part} \end{array}$$

As has	12
Bs has	20
C has	28
D has	40
	<u>100</u>
	L Proof

Divide $849^{\circ}19'10''$ being the neat pecuniary produce of a planters Crop, Between his Overseer & Negro Fellows, and 3, **W**ives, - The Overseer is allowed twice the Share of any of the fellows, and each Fellow twice as much as one of the Wives, **D**emand each persons Share Tom Perry

	L	S	D	
1 of Wives } 1 " 4 " 3 } 2 of Division 21 } <hr/> 6 } 3 } <hr/> 21 }	3	849	19	10
	7	283	6	7 1
		40	9	6
				+ one womans Share
		40	9	6
				+ the second womans Share
		121	8	6
				+ one Fellows Share
		121	8	6
				+ the second Fellows Share
		121	8	6
				+ the third Fellows Share
		121	8	6
				+ the fourth Fellows Share
	2	242	17	1
				+ the Overseers Share
	3	849	19	10
				0 Proof Tom Perry Junior

Divide $845^{\circ}15'9''$ Between 4 men 3 women, and a Boy, each man has 4 times as much as one of the women and each woman 2 times, as much as the Boy, Demand each persons part, **T**om Perry Junior

	L	S	D	
4 " 3 " 1 } 4 " } 19 " } 2 " } <hr/> 39 }	39	845	15	9
	21	21	13	8
		65		+ the Boys Share
		39		+ one womans Share
		26		+ 2 " Do
		20		+ 3 " Do
	39	535	13	
		145		+ one mans Share
		117		+ 2 " Do
		28		+ 3 " Do
		12		+ 4 " Do
	39	845	15	9
				0 Proof



April the 11 day Anno Domini 1793

The Hunter and the Buck &c



Two women and the Bear, April 12th day 1793