

Times Tables Facts

3x Table	3x Table
$0 \times 3 = 0$	$0 \div 3 = 0$
$1 \times 3 = 3$	$3 \div 3 = 1$
$2 \times 3 = 6$	$6 \div 3 = 2$
$3 \times 3 = 9$	$9 \div 3 = 3$
$4 \times 3 = 12$	$12 \div 3 = 4$
$5 \times 3 = 15$	$15 \div 3 = 5$
$6 \times 3 = 18$	$18 \div 3 = 6$
$7 \times 3 = 21$	$21 \div 3 = 7$
$8 \times 3 = 24$	$24 \div 3 = 8$
$9 \times 3 = 27$	$27 \div 3 = 9$
$10 \times 3 = 30$	$30 \div 3 = 10$
$11 \times 3 = 33$	$33 \div 3 = 11$
$12 \times 3 = 36$	$36 \div 3 = 12$

4x Table	4x Table
$0 \times 4 = 0$	$0 \div 4 = 0$
$1 \times 4 = 4$	$4 \div 4 = 1$
$2 \times 4 = 8$	$8 \div 4 = 2$
$3 \times 4 = 12$	$12 \div 4 = 3$
$4 \times 4 = 16$	$16 \div 4 = 4$
$5 \times 4 = 20$	$20 \div 4 = 5$
$6 \times 4 = 24$	$24 \div 4 = 6$
$7 \times 4 = 28$	$28 \div 4 = 7$
$8 \times 4 = 32$	$32 \div 4 = 8$
$9 \times 4 = 36$	$36 \div 4 = 9$
$10 \times 4 = 40$	$40 \div 4 = 10$
$11 \times 4 = 44$	$44 \div 4 = 11$
$12 \times 4 = 48$	$48 \div 4 = 12$

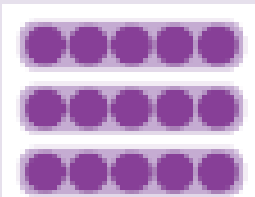
8x Table	8x Table
$0 \times 8 = 0$	$0 \div 8 = 0$
$1 \times 8 = 8$	$8 \div 8 = 1$
$2 \times 8 = 16$	$16 \div 8 = 2$
$3 \times 8 = 24$	$24 \div 8 = 3$
$4 \times 8 = 32$	$32 \div 8 = 4$
$5 \times 8 = 40$	$40 \div 8 = 5$
$6 \times 8 = 48$	$48 \div 8 = 6$
$7 \times 8 = 56$	$56 \div 8 = 7$
$8 \times 8 = 64$	$64 \div 8 = 8$
$9 \times 8 = 72$	$72 \div 8 = 9$
$10 \times 8 = 80$	$80 \div 8 = 10$
$11 \times 8 = 88$	$88 \div 8 = 11$
$12 \times 8 = 96$	$96 \div 8 = 12$

Vocabulary

multiply	repeatedly adding the same amount the amount increases
multiple	the result of multiplying a number by a whole number
times table	multiplication facts
divide	split into equal parts or groups
inverse	the reverse of - <i>multiplication is the inverse of division</i>
associated facts	multiplication and division facts linked using the inverse
array	sets of objects arranged in rows and columns

Associated Facts and Using the Inverse

Related Calculations

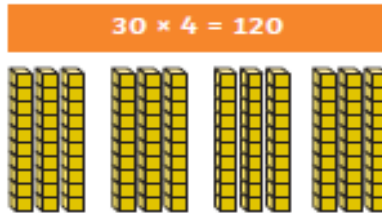
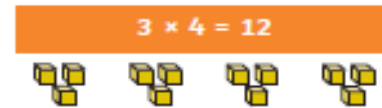


$3 \times 5 = 15$

$15 \div 5 = 3$

$5 \times 3 = 15$

$15 \div 3 = 5$



Multiplying 2 digit numbers by 1 digit numbers

Tens	Ones

$23 \times 3 = 69$

	T	O
	2	3
x		3
	6	9

Tens	Ones

$24 \times 4 = 96$

	T	O
	2	4
x		4
	9	6

Dividing 2 digit numbers by 1 digit numbers

Re-grouping needed

Tens	Ones

	2	1
4	8	4

$84 \div 4$

$80 \div 4$ $4 \div 4$

Tens	Ones

	1	5
3	4	5

$45 \div 3$

$30 \div 3$ $15 \div 3$