

Times Tables

Children in year 3 are expected to know the multiplication facts in the 2x,3x,4x 5x, 8x and 10x tables and the related division facts. Children often start by counting on in 2s, 3s, 4s,5s, 8s and 10s to find answer but it is important that they know the facts off by heart as this will help them with more complex mental calculations. The 'old-fashioned' methods of chanting and repeating are one of the best ways to learn them, but children should also be tested on individual facts out of order, and should know the division facts as well as they know the multiplication facts, seeing the relationship between the two.

Here is how we learn the times table at Ravensfield.

2 x Table	5 x Table	10 x Table
$2 \times 0 = 0$	$5 \times 0 = 0$	$10 \times 0 = 0$
$2 \times 1 = 2$	$5 \times 1 = 5$	$10 \times 1 = 10$
$2 \times 2 = 4$	$5 \times 2 = 10$	$10 \times 2 = 20$
$2 \times 3 = 6$	$5 \times 3 = 15$	$10 \times 3 = 30$
$2 \times 4 = 8$	$5 \times 4 = 20$	$10 \times 4 = 40$
$2 \times 5 = 10$	$5 \times 5 = 25$	$10 \times 5 = 50$
$2 \times 6 = 12$	$5 \times 6 = 30$	$10 \times 6 = 60$
$2 \times 7 = 14$	$5 \times 7 = 35$	$10 \times 7 = 70$
$2 \times 8 = 16$	$5 \times 8 = 40$	$10 \times 8 = 80$
$2 \times 9 = 18$	$5 \times 9 = 45$	$10 \times 9 = 90$
$2 \times 10 = 20$	$5 \times 10 = 50$	$10 \times 10 = 100$
$2 \times 11 = 22$	$5 \times 11 = 55$	$10 \times 11 = 110$
$2 \times 12 = 24$	$5 \times 12 = 60$	$10 \times 12 = 120$
$0 \div 2 = 0$	$0 \div 5 = 0$	$0 \div 10 = 0$
$2 \div 2 = 1$	$5 \div 5 = 1$	$10 \div 10 = 1$
$4 \div 2 = 2$	$10 \div 5 = 2$	$20 \div 10 = 2$
$6 \div 2 = 3$	$15 \div 5 = 3$	$30 \div 10 = 3$
$8 \div 2 = 4$	$20 \div 5 = 4$	$40 \div 10 = 4$
$10 \div 2 = 5$	$25 \div 5 = 5$	$50 \div 10 = 5$
$12 \div 2 = 6$	$30 \div 5 = 6$	$60 \div 10 = 6$
$14 \div 2 = 7$	$35 \div 5 = 7$	$70 \div 10 = 7$
$16 \div 2 = 8$	$40 \div 5 = 8$	$80 \div 10 = 8$
$18 \div 2 = 9$	$45 \div 5 = 9$	$90 \div 10 = 9$
$20 \div 2 = 10$	$50 \div 5 = 10$	$100 \div 10 = 10$
$22 \div 2 = 11$	$55 \div 5 = 11$	$110 \div 10 = 11$
$24 \div 2 = 12$	$60 \div 5 = 12$	$120 \div 10 = 12$

3 x Table	4 x Table	8 x Table
$3 \times 0 = 0$ $3 \times 1 = 3$ $3 \times 2 = 6$ $3 \times 3 = 9$ $3 \times 4 = 12$ $3 \times 5 = 15$ $3 \times 6 = 18$ $3 \times 7 = 21$ $3 \times 8 = 24$ $3 \times 9 = 27$ $3 \times 10 = 30$ $3 \times 11 = 33$ $3 \times 12 = 36$	$4 \times 0 = 0$ $4 \times 1 = 4$ $4 \times 2 = 8$ $4 \times 3 = 12$ $4 \times 4 = 16$ $4 \times 5 = 20$ $4 \times 6 = 24$ $4 \times 7 = 28$ $4 \times 8 = 32$ $4 \times 9 = 36$ $4 \times 10 = 40$ $4 \times 11 = 44$ $4 \times 12 = 48$	$8 \times 0 = 0$ $8 \times 1 = 8$ $8 \times 2 = 16$ $8 \times 3 = 24$ $8 \times 4 = 32$ $8 \times 5 = 40$ $8 \times 6 = 48$ $8 \times 7 = 56$ $8 \times 8 = 64$ $8 \times 9 = 72$ $8 \times 10 = 80$ $8 \times 11 = 88$ $8 \times 12 = 96$
$0 \div 3 = 0$ $3 \div 3 = 1$ $6 \div 3 = 2$ $9 \div 3 = 3$ $12 \div 3 = 4$ $15 \div 3 = 5$ $18 \div 3 = 6$ $21 \div 3 = 7$ $24 \div 3 = 8$ $27 \div 3 = 9$ $30 \div 3 = 10$ $33 \div 3 = 11$ $36 \div 3 = 12$	$0 \div 4 = 0$ $4 \div 4 = 1$ $8 \div 4 = 2$ $12 \div 4 = 3$ $16 \div 4 = 4$ $20 \div 4 = 5$ $24 \div 4 = 6$ $28 \div 4 = 7$ $32 \div 4 = 8$ $36 \div 4 = 9$ $40 \div 4 = 10$ $44 \div 4 = 11$ $48 \div 4 = 12$	$0 \div 8 = 0$ $8 \div 8 = 1$ $16 \div 8 = 2$ $24 \div 8 = 3$ $32 \div 8 = 4$ $40 \div 8 = 5$ $48 \div 8 = 6$ $56 \div 8 = 7$ $64 \div 8 = 8$ $72 \div 8 = 9$ $80 \div 8 = 10$ $88 \div 8 = 11$ $96 \div 8 = 12$