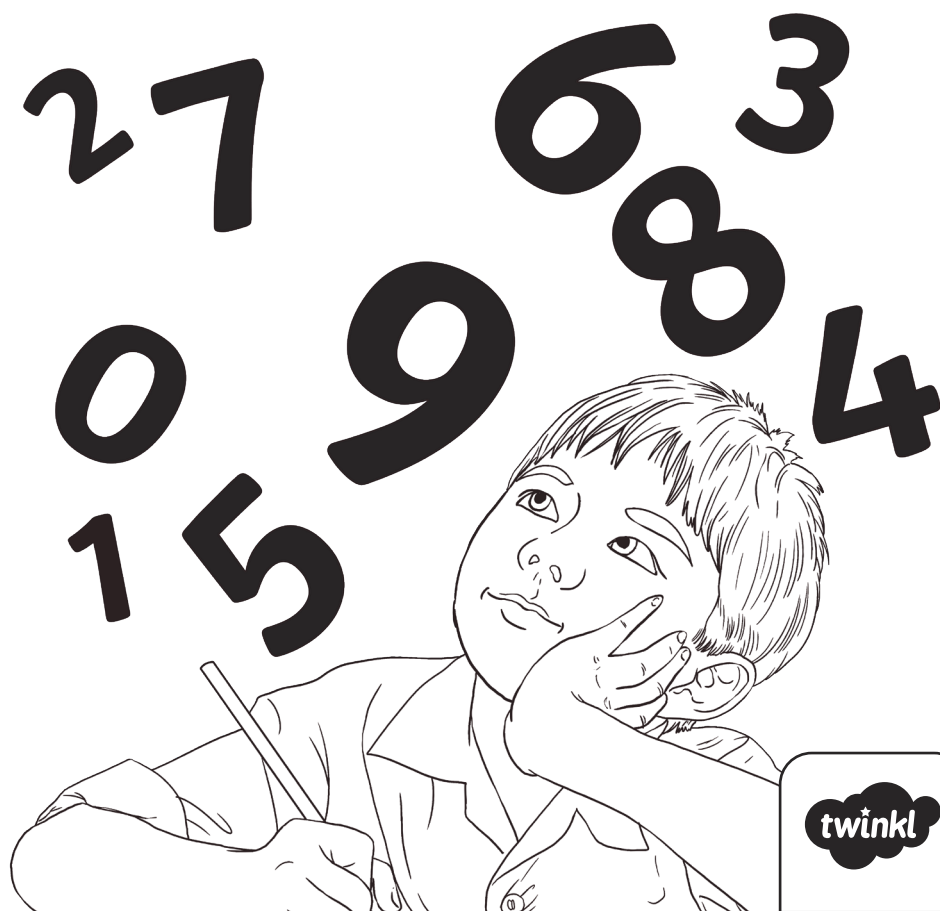
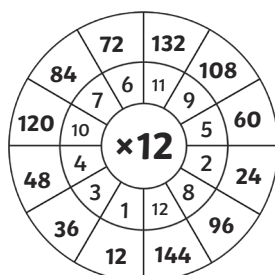
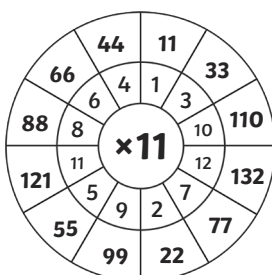
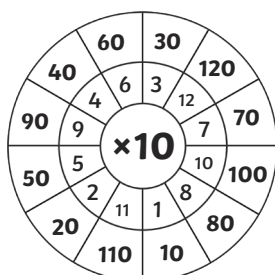
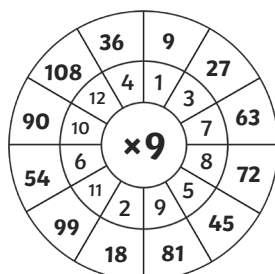
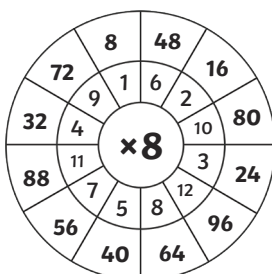
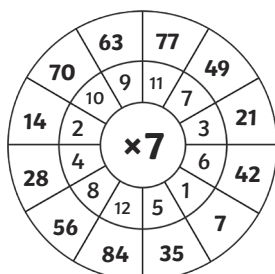
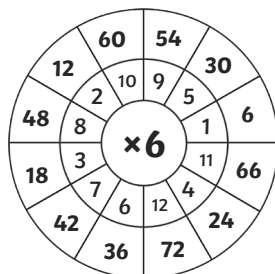
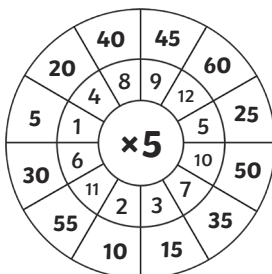
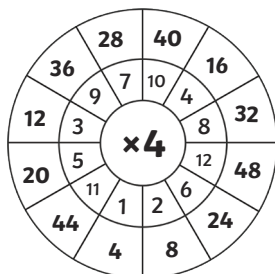
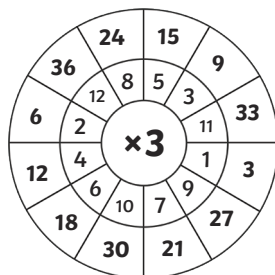
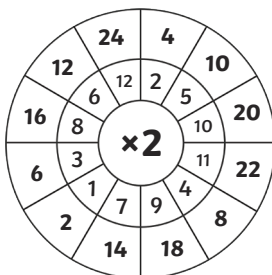
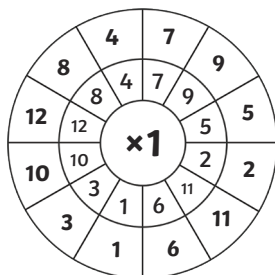


Multiplication and Division Facts Answer Booklet



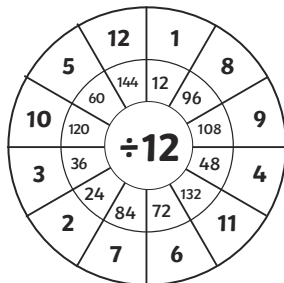
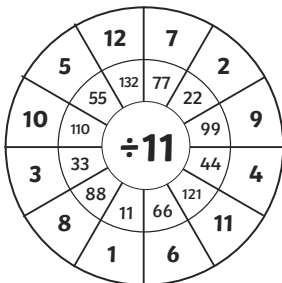
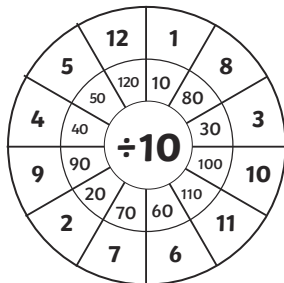
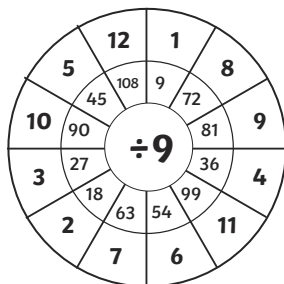
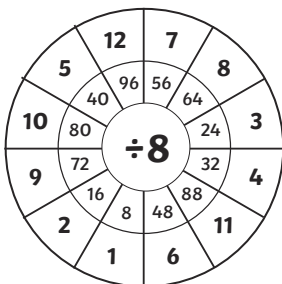
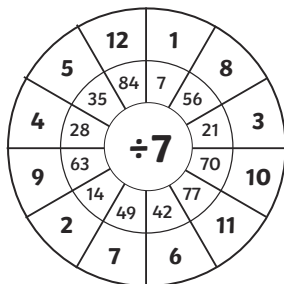
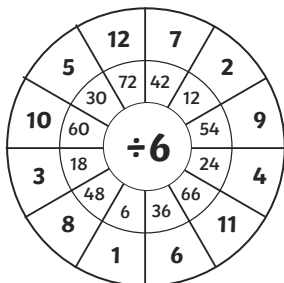
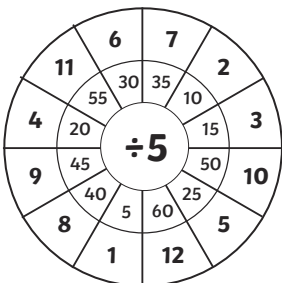
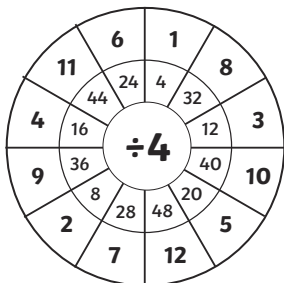
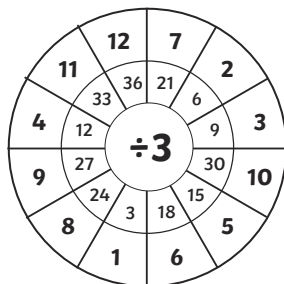
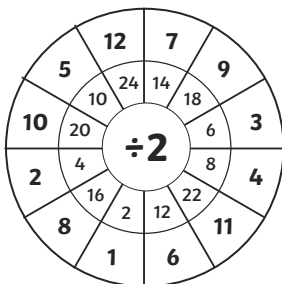
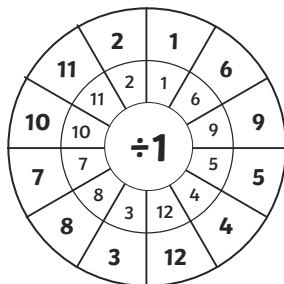
Multiplication Wheels

Multiply the numbers by the middle number.



Division Wheels

Divide the numbers by the middle number.



Multiplication Square

Can you fill in the grid by multiplying the numbers?

×	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

Ultimate Division and Times Table Challenge

Try a column a day. Can you beat your personal best?

$1 \div 1 = 1$	$132 \div 11 = 12$	$120 \div 10 = 12$	$15 \div 3 = 5$	$9 \div 1 = 9$	$7 \div 7 = 1$
$1 \times 5 = 5$	$1 \times 2 = 2$	$2 \times 5 = 10$	$4 \times 1 = 4$	$2 \times 9 = 18$	$4 \times 5 = 20$
$3 \div 3 = 1$	$9 \div 3 = 3$	$108 \div 9 = 12$	$21 \div 3 = 7$	$6 \div 6 = 1$	$33 \div 11 = 3$
$1 \times 4 = 4$	$4 \times 3 = 12$	$1 \times 3 = 3$	$11 \times 7 = 77$	$4 \times 9 = 36$	$3 \times 9 = 27$
$5 \div 5 = 1$	$72 \div 8 = 9$	$25 \div 5 = 5$	$96 \div 8 = 12$	$14 \div 2 = 7$	$55 \div 5 = 11$
$10 \times 3 = 30$	$6 \times 3 = 18$	$1 \times 11 = 11$	$2 \times 11 = 22$	$11 \times 11 = 121$	$1 \times 7 = 7$
$15 \div 5 = 3$	$63 \div 9 = 7$	$35 \div 7 = 5$	$49 \div 7 = 7$	$63 \div 7 = 9$	$50 \div 10 = 5$
$10 \times 3 = 30$	$6 \times 3 = 18$	$1 \times 11 = 11$	$2 \times 11 = 22$	$11 \times 11 = 121$	$1 \times 7 = 7$
$9 \div 9 = 1$	$27 \div 9 = 3$	$30 \div 3 = 10$	$81 \div 9 = 9$	$28 \div 4 = 7$	$56 \div 8 = 7$
$8 \times 1 = 8$	$10 \times 1 = 10$	$5 \times 7 = 35$	$6 \times 5 = 30$	$3 \times 8 = 24$	$8 \times 11 = 88$
$11 \div 11 = 1$	$33 \div 11 = 3$	$55 \div 11 = 5$	$6 \div 2 = 3$	$44 \div 4 = 11$	$40 \div 8 = 5$
$11 \times 9 = 99$	$6 \times 8 = 48$	$6 \times 11 = 66$	$10 \times 7 = 70$	$10 \times 9 = 90$	$10 \times 11 = 110$
$2 \div 2 = 1$	$24 \div 8 = 3$	$42 \div 6 = 7$	$12 \div 1 = 12$	$10 \div 1 = 10$	$21 \div 7 = 3$
$12 \times 5 = 60$	$12 \times 12 = 144$	$5 \times 4 = 20$	$12 \times 7 = 84$	$12 \times 9 = 108$	$12 \times 11 = 132$
$44 \div 11 = 4$	$12 \div 3 = 4$	$45 \div 9 = 5$	$24 \div 12 = 2$	$8 \div 2 = 4$	$6 \div 1 = 6$
$2 \times 2 = 4$	$9 \times 11 = 99$	$2 \times 6 = 12$	$2 \times 8 = 16$	$2 \times 12 = 24$	$7 \times 6 = 42$
$10 \div 5 = 2$	$20 \div 10 = 2$	$12 \div 12 = 1$	$40 \div 5 = 8$	$18 \div 3 = 6$	$77 \div 7 = 11$
$4 \times 2 = 8$	$4 \times 4 = 16$	$4 \times 6 = 24$	$6 \times 9 = 54$	$4 \times 10 = 40$	$9 \times 5 = 45$
$14 \div 7 = 2$	$18 \div 9 = 2$	$20 \div 2 = 10$	$50 \div 5 = 10$	$8 \div 1 = 8$	$30 \div 5 = 6$
$7 \times 4 = 28$	$6 \times 4 = 24$	$6 \times 6 = 36$	$12 \times 3 = 36$	$6 \times 2 = 12$	$8 \times 4 = 32$
$40 \div 10 = 4$	$36 \div 9 = 4$	$36 \div 3 = 12$	$72 \div 9 = 8$	$96 \div 12 = 8$	$48 \div 8 = 6$
$7 \times 8 = 56$	$6 \times 10 = 60$	$12 \times 10 = 120$	$12 \times 4 = 48$	$8 \times 10 = 80$	$8 \times 2 = 16$
$22 \div 11 = 2$	$72 \div 6 = 12$	$60 \div 5 = 12$	$88 \div 11 = 8$	$110 \div 11 = 10$	$64 \div 8 = 8$
$11 \times 6 = 66$	$9 \times 6 = 54$	$10 \times 6 = 60$	$3 \times 2 = 6$	$4 \times 12 = 48$	$9 \times 10 = 90$

Ultimate Times Tables Missing Numbers Challenge

$2 \times 4 = 8$	$40 = 4 \times 10$	$12 \times 12 = 144$	$11 \times 7 = 77$	$7 \times 3 = 21$	$48 = 12 \times 4$
$3 \times 1 = 3$	$6 \times 4 = 24$	$6 \times 5 = 30$	$35 = 7 \times 5$	$8 \times 9 = 72$	$8 \times 3 = 24$
$10 = 5 \times 2$	$3 \times 7 = 21$	$4 \times 11 = 44$	$5 \times 8 = 40$	$5 \times 4 = 20$	$120 = 12 \times 10$
$4 \times 4 = 16$	$8 \times 11 = 88$	$48 = 6 \times 8$	$9 \times 4 = 36$	$11 \times 11 = 121$	$4 \times 4 = 16$
$10 \times 6 = 60$	$7 \times 5 = 35$	$9 \times 10 = 90$	$1 \times 8 = 8$	$18 = 3 \times 6$	$9 \times 2 = 18$
$2 \times 4 = 8$	$2 \times 9 = 18$	$2 \times 6 = 12$	$12 \times 6 = 72$	$8 \times 6 = 48$	$30 = 6 \times 5$
$16 = 8 \times 2$	$8 \times 10 = 80$	$7 \times 7 = 49$	$7 \times 9 = 63$	$3 \times 9 = 27$	$9 \times 4 = 36$
$5 \times 3 = 15$	$6 \times 2 = 12$	$8 \times 1 = 8$	$3 \times 10 = 30$	$24 = 4 \times 6$	$2 \times 7 = 14$
$10 \times 3 = 30$	$20 = 4 \times 5$	$9 \times 9 = 81$	$9 \times 6 = 54$	$7 \times 7 = 49$	$8 \times 5 = 40$
$12 \times 1 = 12$	$12 \times 6 = 72$	$36 = 12 \times 3$	$3 \times 4 = 12$	$12 \times 12 = 144$	$3 \times 4 = 12$
$3 \times 6 = 18$	$9 = 3 \times 3$	$10 \times 12 = 120$	$8 \times 8 = 64$	$6 \times 3 = 18$	$6 \times 6 = 36$
$11 \times 4 = 44$	$8 \times 4 = 32$	$8 \times 7 = 56$	$14 = 2 \times 7$	$8 \times 7 = 56$	$11 \times 9 = 99$
$7 \times 2 = 14$	$4 \times 4 = 16$	$3 \times 10 = 30$	$12 \times 11 = 132$	$4 \times 10 = 40$	$28 = 4 \times 7$
$8 \times 3 = 24$	$10 \times 7 = 70$	$5 \times 8 = 40$	$25 = 5 \times 5$	$8 \times 2 = 16$	$9 \times 3 = 27$
$20 = 4 \times 5$	$5 \times 5 = 25$	$2 \times 2 = 4$	$2 \times 8 = 16$	$7 \times 4 = 28$	$5 \times 5 = 25$
$11 \times 9 = 99$	$11 \times 3 = 33$	$9 \times 5 = 45$	$24 = 8 \times 3$	$9 \times 5 = 45$	$7 \times 3 = 21$
$4 \times 3 = 12$	$9 \times 4 = 36$	$3 \times 4 = 12$	$77 = 11 \times 7$	$12 \times 6 = 72$	$6 \times 4 = 24$
$9 \times 2 = 18$	$7 = 7 \times 1$	$8 \times 4 = 32$	$3 \times 6 = 18$	$3 \times 3 = 9$	$12 \times 2 = 24$
$5 \times 10 = 50$	$6 \times 11 = 66$	$5 \times 9 = 45$	$88 = 11 \times 8$	$8 \times 6 = 48$	$9 \times 5 = 45$
$3 \times 2 = 6$	$6 \times 6 = 36$	$48 = 12 \times 4$	$12 \times 12 = 144$	$5 \times 12 = 60$	$7 \times 7 = 49$
$7 \times 3 = 21$	$10 \times 5 = 50$	$5 \times 2 = 10$	$15 = 5 \times 3$	$4 \times 3 = 12$	$12 \times 8 = 96$
$8 \times 5 = 40$	$18 = 6 \times 3$	$9 \times 1 = 9$	$2 \times 6 = 12$	$7 \times 6 = 42$	$3 \times 8 = 24$
$11 \times 2 = 22$	$9 \times 3 = 27$	$2 \times 7 = 14$	$9 \times 3 = 27$	$66 = 11 \times 6$	$5 \times 3 = 15$
$5 \times 12 = 60$	$10 \times 10 = 100$	$12 \times 7 = 84$	$8 \times 2 = 16$	$32 = 8 \times 4$	$12 \times 12 = 144$

Kaboom Up to 12×12 Times

$$3 \times 3 = 9$$

$$8 \times 7 = 56$$

$$8 \times 4 = 32$$

$$2 \times 9 = 18$$

$$6 \times 4 = 24$$

$$9 \times 3 = 27$$

$$12 \times 3 = 36$$

$$7 \times 2 = 14$$

$$9 \times 8 = 72$$

$$5 \times 5 = 25$$

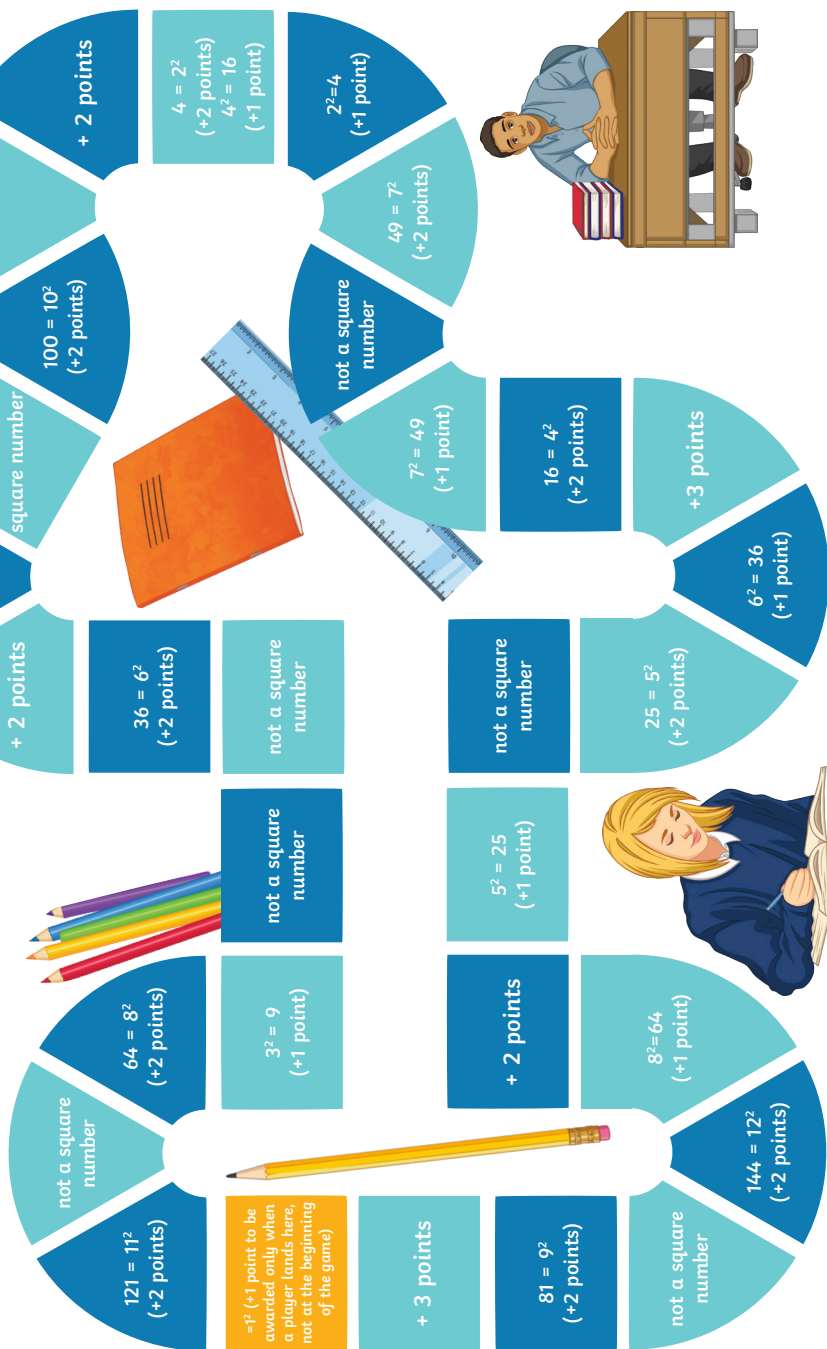
$$2 \times 11 = 22$$

$$7 \times 4 = 28$$

$$4 \times 10 = 40$$



Square Numbers



Calculate either the highest common factor (HCF) or lowest common multiple (LCM) of each pair of numbers. Then, use the key to shade each section in the correct colour.

16, 20 (HCF) means that you need to find the highest common factor of 16 and 20.

Light blue	10 or less
Dark orange	11-15
Light brown	16-20
Yellow	21-25
Cream	26-30
White	More than 30

