

The Ultimate Division Challenge!

Before we spend the week practising the bus stop method of division, whatever division questions we tackle we always need to use our times tables to help us solve them. The questions for today need to be tackled using a **mental method of division**. For example, $22 \div 11$ means 'how many groups of 11 are in 22'. Using our 11 x table, we count in 11s until we reach 22. There are 2 groups of 11 in 22.

Have a go at as many of these questions as you can. If you need to use a times table grid to help you, I've attached one below or if you have your Pupil Planner with you, remember there is a times table grid at the front. (Answers bottom of page)

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

Multiplication Table

x	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 Challenge Answers

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