

×3 Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = grey
7 to 12 = blue

13 to 32 = pink
33 to 36 = black

$36 \div 3$	4×3	1×3	5×3	3×3	10×3	1×3	$36 \div 3$	$30 \div 3$
$30 \div 3$	$27 \div 3$	$18 \div 3$	7×3	$30 \div 3$	9×3	$15 \div 3$	$21 \div 3$	$33 \div 3$
$27 \div 3$	3×3	$15 \div 3$	6×3	$33 \div 3$	5×3	$3 \div 3$	$27 \div 3$	3×3
$36 \div 3$	3×3	2×3	10×3	$27 \div 3$	8×3	$15 \div 3$	4×3	$30 \div 3$
$27 \div 3$	$30 \div 3$	1×3	8×3	4×3	9×3	$9 \div 3$	$24 \div 3$	3×3
4×3	3×3	$18 \div 3$	$15 \div 3$	$18 \div 3$	$3 \div 3$	$3 \div 3$	4×3	$24 \div 3$
$36 \div 3$	$24 \div 3$	2×3	12×3	$12 \div 3$	11×3	$18 \div 3$	3×3	4×3
$27 \div 3$	4×3	$6 \div 3$	1×3	$15 \div 3$	$9 \div 3$	2×3	4×3	$36 \div 3$
$27 \div 3$	$27 \div 3$	1×3	$15 \div 3$	8×3	$3 \div 3$	$12 \div 3$	$36 \div 3$	3×3
4×3	3×3	$18 \div 3$	$3 \div 3$	$6 \div 3$	1×3	2×3	$27 \div 3$	$24 \div 3$

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$27 \div 3 = 9$	$5 \times 3 = 15$	$8 \times 3 = 24$

×3 Multiplication Tables and Division Facts Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = grey
7 to 12 = blue

13 to 32 = pink
33 to 36 = black

$36 \div 3$	4×3	1×3	5×3	3×3	10×3	1×3	$36 \div 3$	$30 \div 3$
$30 \div 3$	$27 \div 3$	$18 \div 3$	7×3	$30 \div 3$	9×3	$15 \div 3$	$21 \div 3$	$33 \div 3$
$27 \div 3$	3×3	$15 \div 3$	6×3	$33 \div 3$	5×3	$3 \div 3$	$27 \div 3$	3×3
$36 \div 3$	3×3	2×3	10×3	$27 \div 3$	8×3	$15 \div 3$	4×3	$30 \div 3$
$27 \div 3$	$30 \div 3$	1×3	8×3	4×3	9×3	$9 \div 3$	$24 \div 3$	3×3
4×3	3×3	$18 \div 3$	$15 \div 3$	$18 \div 3$	$3 \div 3$	$3 \div 3$	4×3	$24 \div 3$
$36 \div 3$	$24 \div 3$	2×3	12×3	$12 \div 3$	11×3	$18 \div 3$	3×3	4×3
$27 \div 3$	4×3	$6 \div 3$	1×3	$15 \div 3$	$9 \div 3$	2×3	4×3	$36 \div 3$
$27 \div 3$	$27 \div 3$	1×3	$15 \div 3$	8×3	$3 \div 3$	$12 \div 3$	$36 \div 3$	3×3
4×3	3×3	$18 \div 3$	$3 \div 3$	$6 \div 3$	1×3	2×3	$27 \div 3$	$24 \div 3$

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$27 \div 3 = 9$	$5 \times 3 = 15$	$8 \times 3 = 24$
$9 \times 3 = 27$ and $3 \times 9 = 27$	$15 \div 3 = 5$ and $15 \div 5 = 3$	$24 \div 3 = 8$ and $24 \div 8 = 3$

×4 Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = yellow

13 to 29 = orange

43 to 48 = black

7 to 12 = blue

30 to 42 = green

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

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$44 \div 4 = 11$	$7 \times 4 = 28$	$8 \times 3 = 24$

×4 Multiplication Tables and Division Facts Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = yellow

13 to 29 = orange

43 to 48 = black

7 to 12 = blue

30 to 42 = green

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

Challenge question: Use inverse operations to write the related calculations for these number facts. Explain how you calculated the inverse.

$44 \div 4 = 11$	$7 \times 4 = 28$	$8 \times 3 = 24$
$11 \times 4 = 44$ and $4 \times 11 = 44$	$28 \div 4 = 7$ and $28 \div 7 = 4$	$24 \div 3 = 8$ and $24 \div 8 = 3$

×8 Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = orange

13 to 50 = black

96 = pink

7 to 12 = yellow

51 to 95 = purple

7×8	$16 \div 8$	$40 \div 8$	9×8	10×8	8×8	$48 \div 8$	$8 \div 8$	7×8
10×8	$8 \div 8$	$56 \div 8$	$24 \div 8$	7×8	$8 \div 8$	$64 \div 8$	$32 \div 8$	8×8
8×8	$24 \div 8$	$72 \div 8$	$48 \div 8$	9×8	$32 \div 8$	$80 \div 8$	$16 \div 8$	10×8
11×8	8×8	$16 \div 8$	$32 \div 8$	7×8	$16 \div 8$	$32 \div 8$	7×8	9×8
7×8	10×8	$48 \div 8$	$24 \div 8$	$32 \div 8$	$40 \div 8$	$24 \div 8$	9×8	11×8
8×8	$48 \div 8$	$32 \div 8$	5×8	$96 \div 8$	6×8	$40 \div 8$	$8 \div 8$	7×8
11×8	$24 \div 8$	$88 \div 8$	$72 \div 8$	12×8	$96 \div 8$	$64 \div 8$	$32 \div 8$	10×8
8×8	7×8	$32 \div 8$	$72 \div 8$	$56 \div 8$	$96 \div 8$	$16 \div 8$	10×8	8×8
7×8	10×8	9×8	$16 \div 8$	$88 \div 8$	$24 \div 8$	10×8	8×8	11×8
9×8	$48 \div 8$	$8 \div 8$	$32 \div 8$	$48 \div 8$	$16 \div 8$	$32 \div 8$	$48 \div 8$	9×8

Challenge question: Which other calculations could have been used for the colour black?

×8 Multiplication Tables and Division Facts Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = orange

13 to 50 = black

96 = pink

7 to 12 = yellow

51 to 95 = purple

7×8	$16 \div 8$	$40 \div 8$	9×8	10×8	8×8	$48 \div 8$	$8 \div 8$	7×8
10×8	$8 \div 8$	$56 \div 8$	$24 \div 8$	7×8	$8 \div 8$	$64 \div 8$	$32 \div 8$	8×8
8×8	$24 \div 8$	$72 \div 8$	$48 \div 8$	9×8	$32 \div 8$	$80 \div 8$	$16 \div 8$	10×8
11×8	8×8	$16 \div 8$	$32 \div 8$	7×8	$16 \div 8$	$32 \div 8$	7×8	9×8
7×8	10×8	$48 \div 8$	$24 \div 8$	$32 \div 8$	$40 \div 8$	$24 \div 8$	9×8	11×8
8×8	$48 \div 8$	$32 \div 8$	5×8	$96 \div 8$	6×8	$40 \div 8$	$8 \div 8$	7×8
11×8	$24 \div 8$	$88 \div 8$	$72 \div 8$	12×8	$96 \div 8$	$64 \div 8$	$32 \div 8$	10×8
8×8	7×8	$32 \div 8$	$72 \div 8$	$56 \div 8$	$96 \div 8$	$16 \div 8$	10×8	8×8
7×8	10×8	9×8	$16 \div 8$	$88 \div 8$	$24 \div 8$	10×8	8×8	11×8
9×8	$48 \div 8$	$8 \div 8$	$32 \div 8$	$48 \div 8$	$16 \div 8$	$32 \div 8$	$48 \div 8$	9×8

Challenge question: Which other calculations could have been used for the colour black?

2×8 , 3×8 , and 4×8 could all have been used for the colour black.

$\times 3$ $\times 4$ and $\times 8$ Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = yellow

7 to 30 = green

31 to 60 = purple

61 to 99 = blue

$21 \div 3$	6×3	7×4	$28 \div 4$	8×8	10×3	$24 \div 3$	$72 \div 8$	3×8
2×4	$56 \div 8$	$36 \div 3$	12×4	9×8	8×4	3×4	8×3	$33 \div 3$
3×4	$27 \div 3$	1×3	6×8	$16 \div 4$	5×8	$12 \div 3$	2×4	$36 \div 4$
7×4	9×3	7×8	12×8	$12 \div 4$	10×8	9×4	$28 \div 4$	7×4
$80 \div 8$	$20 \div 4$	5×8	$20 \div 4$	10×8	$15 \div 3$	12×4	$32 \div 8$	3×8
$30 \div 3$	1×4	9×4	$15 \div 3$	5×8	$12 \div 4$	11×4	$40 \div 8$	$24 \div 3$
$64 \div 8$	1×3	12×4	1×4	8×8	2×3	8×4	2×3	$64 \div 8$
7×4	2×4	6×8	9×8	$15 \div 5$	12×8	6×8	2×4	8×3
$33 \div 3$	$72 \div 8$	$24 \div 4$	6×8	11×8	12×4	$24 \div 8$	$27 \div 3$	2×4
$80 \div 8$	$96 \div 8$	$88 \div 8$	8×4	8×8	9×4	9×3	$64 \div 8$	9×3

Challenge question: Are these calculations true or false? Explain your reasoning.

$3 \times 8 = 6 \times 4$	$44 \div 4 = 36 \div 3$

$\times 3$ $\times 4$ and $\times 8$ Multiplication Tables and Division Facts **Answers**

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 6 = yellow

7 to 30 = green

31 to 60 = purple

61 to 99 = blue

$21 \div 3$	6×3	7×4	$28 \div 4$	8×8	10×3	$24 \div 3$	$72 \div 8$	3×8
2×4	$56 \div 8$	$36 \div 3$	12×4	9×8	8×4	3×4	8×3	$33 \div 3$
3×4	$27 \div 3$	1×3	6×8	$16 \div 4$	5×8	$12 \div 3$	2×4	$36 \div 4$
7×4	9×3	7×8	12×8	$12 \div 4$	10×8	9×4	$28 \div 4$	7×4
$80 \div 8$	$20 \div 4$	5×8	$20 \div 4$	10×8	$15 \div 3$	12×4	$32 \div 8$	3×8
$30 \div 3$	1×4	9×4	$15 \div 3$	5×8	$12 \div 4$	11×4	$40 \div 8$	$24 \div 3$
$64 \div 8$	1×3	12×4	1×4	8×8	2×3	8×4	2×3	$64 \div 8$
7×4	2×4	6×8	9×8	$15 \div 5$	12×8	6×8	2×4	8×3
$33 \div 3$	$72 \div 8$	$24 \div 4$	6×8	11×8	12×4	$24 \div 8$	$27 \div 3$	2×4
$80 \div 8$	$96 \div 8$	$88 \div 8$	8×4	8×8	9×4	9×3	$64 \div 8$	9×3

Challenge question: Are these calculations true or false? Explain your reasoning.

$3 \times 8 = 6 \times 4$	$44 \div 4 = 36 \div 3$
True $3 \times 8 = 24$ and $6 \times 4 = 24$	False $44 \div 4 = 11$ and $36 \div 3 = 12$

×2 to 12 Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 20 = yellow

21 to 60 = blue

61 to 130 = orange

130 to 144 = black

9×5	8×4	$35 \div 7$	$54 \div 6$	3×3	$20 \div 10$	$24 \div 6$	4×9	8×4
6×4	$8 \div 8$	$72 \div 8$	$40 \div 8$	$8 \div 4$	$15 \div 3$	$16 \div 8$	$56 \div 7$	7×4
$20 \div 10$	$35 \div 7$	$54 \div 6$	1×3	$15 \div 3$	$36 \div 6$	1×1	2×4	$32 \div 4$
$40 \div 8$	1×5	11×12	$16 \div 4$	$18 \div 2$	$32 \div 8$	12×12	$32 \div 4$	$56 \div 7$
1×3	$32 \div 8$	$63 \div 9$	$30 \div 10$	$15 \div 5$	$21 \div 7$	$20 \div 5$	$24 \div 3$	2×4
$16 \div 4$	$24 \div 6$	$24 \div 6$	11×10	12×7	6×12	$20 \div 10$	$8 \div 8$	$32 \div 4$
$16 \div 8$	$8 \div 4$	$8 \div 4$	3×3	9×9	$24 \div 8$	$40 \div 8$	$35 \div 7$	$24 \div 3$
$12 \div 6$	$15 \div 3$	$56 \div 7$	$72 \div 8$	1×3	$15 \div 3$	1×3	1×5	$56 \div 7$
7×5	$18 \div 2$	2×4	$54 \div 6$	$16 \div 4$	$18 \div 2$	$16 \div 4$	$32 \div 8$	7×8
9×5	5×5	$32 \div 4$	$49 \div 7$	$30 \div 10$	$15 \div 5$	$30 \div 10$	7×6	5×8

Challenge question: Are these calculations true or false? Explain your reasoning.

$4 \times 6 = 8 \times 4$	$120 \div 10 = 48 \div 4$

×2 to 12 Multiplication Tables and Division Facts Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 20 = yellow

21 to 60 = blue

61 to 130 = orange

130 to 144 = black

9×5	8×4	$35 \div 7$	$54 \div 6$	3×3	$20 \div 10$	$24 \div 6$	4×9	8×4
6×4	$8 \div 8$	$72 \div 8$	$40 \div 8$	$8 \div 4$	$15 \div 3$	$16 \div 8$	$56 \div 7$	7×4
$20 \div 10$	$35 \div 7$	$54 \div 6$	1×3	$15 \div 3$	$36 \div 6$	1×1	2×4	$32 \div 4$
$40 \div 8$	1×5	11×12	$16 \div 4$	$18 \div 2$	$32 \div 8$	12×12	$32 \div 4$	$56 \div 7$
1×3	$32 \div 8$	$63 \div 9$	$30 \div 10$	$15 \div 5$	$21 \div 7$	$20 \div 5$	$24 \div 3$	2×4
$16 \div 4$	$24 \div 6$	$24 \div 6$	11×10	12×7	6×12	$20 \div 10$	$8 \div 8$	$32 \div 4$
$16 \div 8$	$8 \div 4$	$8 \div 4$	3×3	9×9	$24 \div 8$	$40 \div 8$	$35 \div 7$	$24 \div 3$
$12 \div 6$	$15 \div 3$	$56 \div 7$	$72 \div 8$	1×3	$15 \div 3$	1×3	1×5	$56 \div 7$
7×5	$18 \div 2$	2×4	$54 \div 6$	$16 \div 4$	$18 \div 2$	$16 \div 4$	$32 \div 8$	7×8
9×5	5×5	$32 \div 4$	$49 \div 7$	$30 \div 10$	$15 \div 5$	$30 \div 10$	7×6	5×8

Challenge question: Are these calculations true or false? Explain your reasoning.

$4 \times 6 = 8 \times 4$	$120 \div 10 = 48 \div 4$
False $4 \times 6 = 24$ and $8 \times 4 = 32$	True $120 \div 10 = 12$ and $48 \div 4 = 12$

×2 to 12 Multiplication Tables and Division Facts

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 5 = blue

11 to 50 = pink

61 to 144 = green

6 to 10 = brown

51 to 60 = yellow

$36 \div 9$	$12 \div 4$	$30 \div 6$	$24 \div 4$	$27 \div 3$	$56 \div 8$	$14 \div 7$	1×4	$20 \div 5$
1×4	$22 \div 11$	$72 \div 9$	$25 \div 5$	$40 \div 8$	$8 \div 4$	$48 \div 6$	$27 \div 9$	$40 \div 8$
$16 \div 8$	$30 \div 3$	$36 \div 9$	$12 \div 4$	1×2	$15 \div 5$	$36 \div 9$	$56 \div 8$	1×2
$30 \div 10$	$70 \div 10$	$15 \div 3$	$22 \div 11$	12×5	8×7	$15 \div 3$	2×3	$14 \div 7$
$36 \div 9$	$72 \div 9$	6×4	5×5	6×9	9×9	11×8	$28 \div 4$	$20 \div 5$
$15 \div 3$	$28 \div 4$	$110 \div 10$	4×9	5×11	12×8	7×11	$81 \div 9$	$12 \div 3$
$32 \div 4$	$56 \div 8$	$56 \div 8$	$72 \div 9$	$110 \div 11$	$64 \div 8$	$32 \div 4$	3×3	$40 \div 4$
$56 \div 8$	$36 \div 4$	2×3	$28 \div 4$	$36 \div 4$	$72 \div 9$	$64 \div 8$	$32 \div 4$	$72 \div 8$
$36 \div 9$	$24 \div 3$	$30 \div 5$	$48 \div 6$	$72 \div 8$	$28 \div 4$	$72 \div 9$	$56 \div 8$	1×4
$15 \div 3$	$30 \div 6$	$24 \div 4$	$27 \div 3$	$56 \div 8$	$81 \div 9$	$28 \div 4$	$14 \div 7$	$27 \div 9$

Challenge question: Are these calculations true or false? Explain your reasoning.

$5 \times 6 > 3 \times 11$	$48 \div 8 < 35 \div 5$

×2 to 12 Multiplication Tables and Division Facts Answers

Solve the calculations to reveal the hidden picture. Each answer has a special colour.

1 to 5 = blue
6 to 10 = brown

11 to 50 = pink
51 to 60 = yellow

61 to 144 = green

$36 \div 9$	$12 \div 4$	$30 \div 6$	$24 \div 4$	$27 \div 3$	$56 \div 8$	$14 \div 7$	1×4	$20 \div 5$
1×4	$22 \div 11$	$72 \div 9$	$25 \div 5$	$40 \div 8$	$8 \div 4$	$48 \div 6$	$27 \div 9$	$40 \div 8$
$16 \div 8$	$30 \div 3$	$36 \div 9$	$12 \div 4$	1×2	$15 \div 5$	$36 \div 9$	$56 \div 8$	1×2
$30 \div 10$	$70 \div 10$	$15 \div 3$	$22 \div 11$	12×5	8×7	$15 \div 3$	2×3	$14 \div 7$
$36 \div 9$	$72 \div 9$	6×4	5×5	6×9	9×9	11×8	$28 \div 4$	$20 \div 5$
$15 \div 3$	$28 \div 4$	$110 \div 10$	4×9	5×11	12×8	7×11	$81 \div 9$	$12 \div 3$
$32 \div 4$	$56 \div 8$	$56 \div 8$	$72 \div 9$	$110 \div 11$	$64 \div 8$	$32 \div 4$	3×3	$40 \div 4$
$56 \div 8$	$36 \div 4$	2×3	$28 \div 4$	$36 \div 4$	$72 \div 9$	$64 \div 8$	$32 \div 4$	$72 \div 8$
$36 \div 9$	$24 \div 3$	$30 \div 5$	$48 \div 6$	$72 \div 8$	$28 \div 4$	$72 \div 9$	$56 \div 8$	1×4
$15 \div 3$	$30 \div 6$	$24 \div 4$	$27 \div 3$	$56 \div 8$	$81 \div 9$	$28 \div 4$	$14 \div 7$	$27 \div 9$

Challenge question: Are these calculations true or false? Explain your reasoning.

$5 \times 6 > 3 \times 11$	$48 \div 8 < 35 \div 5$
False $5 \times 6 = 30$ and $3 \times 11 = 33$, which is greater	True $48 \div 8 = 6$ and $35 \div 5 = 7$, so it is greater