

Block Adventurer 3, 4 and 8 Times Table Mosaic

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

hair colour (of your choice) = 1 – 6

skin colour (of your choice) = 7 – 65

pink = 66 – 80

eye colour (of your choice) = 81 – 96

2×3	$12 \div 4$	$16 \div 8$	$12 \div 3$	$48 \div 8$	$20 \div 4$	$12 \div 4$	1×3	$4 \div 4$
1×4	$32 \div 8$	$27 \div 3$	$80 \div 8$	4×3	$36 \div 3$	$80 \div 8$	$15 \div 3$	$8 \div 8$
$3 \div 3$	$32 \div 4$	3×4	$72 \div 8$	$36 \div 4$	$44 \div 4$	2×8	3×8	1×3
$21 \div 3$	11×8	12×8	6×8	12×3	9×3	12×8	11×8	7×4
3×8	4×4	11×4	10×4	3×8	7×8	5×8	8×3	9×3
12×3	9×3	$64 \div 8$	$80 \div 8$	4×3	$36 \div 3$	12×3	9×3	12×3
6×4	11×3	$12 \div 4$	$24 \div 4$	$32 \div 8$	$18 \div 3$	$32 \div 8$	8×4	4×8
3×8	8×3	$15 \div 3$	9×8	10×8	10×8	$40 \div 8$	4×8	7×3
5×4	10×3	$12 \div 4$	4×8	$64 \div 8$	9×3	2×3	$24 \div 3$	12×3
7×3	9×4	2×3	$88 \div 8$	$4 \div 4$	$33 \div 3$	$20 \div 4$	7×4	$72 \div 8$

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

$$5 \times 4 < 11 \times 3$$

$$64 \div 8 = 27 \div 3$$

Block Adventurer Mixed Times Table Mosaic

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

skin colour (of your choice) = 1 – 6

hair colour (of your choice) = 7 – 30

white = 31 – 60

dark grey = 61 – 90

red = 91 – 100

pink = 101 – 109

eye colour (of your choice) = 110 – 144

12×3	6×7	$108 \div 9$	$36 \div 3$	8×3	$96 \div 8$	12×5	7×9	7×6
12×5	5×5	$81 \div 9$	$16 \div 8$	$8 \div 4$	$56 \div 8$	12×4	9×8	4×9
11×5	5×4	3×10	$32 \div 8$	11×12	$35 \div 7$	7×7	8×9	7×7
7×8	$56 \div 7$	2×8	$8 \div 4$	$12 \div 3$	$24 \div 8$	7×6	6×11	4×9
11×5	6×5	$72 \div 9$	$55 \div 11$	$15 \div 3$	$32 \div 8$	4×9	9×9	7×6
7×8	$49 \div 7$	8×4	$25 \div 5$	$28 \div 7$	9×12	7×7	7×12	12×5
5×7	$110 \div 11$	$99 \div 9$	$32 \div 8$	$35 \div 7$	$16 \div 4$	12×4	12×6	7×6
7×7	4×4	2×9	$36 \div 6$	$11 \div 11$	12×5	12×7	8×8	6×12
4×6	3×7	3×9	10×10	9×11	8×7	11×5	10×7	7×8
2×7	10×3	8×12	8×12	10×10	9×11	10×10	$11 \div 11$	9×6

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

$$72 \div 8 = 36 \div 4$$

$$3 \times 8 < 12 \times 2$$

Block Adventurer Mixed Times Table Mosaic

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

white = 1 – 9 dark grey = 10 – 19 light green = 20 – 50 dark green = 51 – 75 light brown = 76 – 99 dark brown = 100 – 144

$20 \div 4$	$24 \div 8$	$56 \div 8$	6×5	7×7	6×12	$81 \div 9$	3×3	$49 \div 7$
$40 \div 8$	$8 \div 4$	7×7	8×8	9×4	7×6	10×2	$56 \div 8$	$24 \div 3$
1×3	$15 \div 3$	9×4	3×7	4×7	7×9	8×4	$64 \div 8$	$72 \div 8$
$16 \div 8$	$8 \div 4$	$56 \div 8$	4×9	11×10	8×3	$21 \div 3$	$24 \div 8$	$72 \div 9$
$16 \div 4$	1×4	$24 \div 8$	$16 \div 4$	12×12	$32 \div 4$	$64 \div 8$	$32 \div 8$	$56 \div 8$
$16 \div 8$	$20 \div 4$	$15 \div 3$	$32 \div 8$	12×10	$16 \div 8$	$12 \div 3$	$24 \div 3$	$72 \div 8$
6×7	12×6	4×9	12×4	3×10	4×12	8×9	5×6	9×3
2×8	$108 \div 9$	$110 \div 11$	$36 \div 3$	4×4	$99 \div 9$	7×2	8×2	$96 \div 8$
11×11	12×7	9×12	11×11	12×12	9×11	10×10	12×12	8×12
11×10	11×11	12×12	7×11	11×12	11×10	11×11	8×11	11×11

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

$9 \times 8 > 12 \times 6$

$90 \div 9 > 56 \div 7$