

# Healthy Eating Mixed Times Tables and Division Facts Mosaic

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

**Yellow:** 1 to 5

**Blue:** 6 to 10

**Black:** 11 to 50

**Brown:** 51 to 60

**Green:** 61 to 144

|                |                |               |              |               |              |               |               |               |
|----------------|----------------|---------------|--------------|---------------|--------------|---------------|---------------|---------------|
| $32 \div 4$    | $3 \times 3$   | $40 \div 4$   | $21 \div 3$  | $40 \div 5$   | $6 \times 3$ | $72 \div 8$   | $30 \div 3$   | $56 \div 8$   |
| $56 \div 8$    | $72 \div 9$    | $110 \div 11$ | $64 \div 8$  | $56 \div 7$   | $8 \times 7$ | $99 \div 9$   | $70 \div 10$  | $36 \div 4$   |
| $2 \times 3$   | $28 \div 4$    | $36 \div 4$   | $72 \div 9$  | $4 \times 9$  | $20 \div 5$  | $24 \div 6$   | $3 \times 7$  | $24 \div 3$   |
| $30 \div 5$    | $48 \div 6$    | $72 \div 8$   | $28 \div 4$  | $44 \div 4$   | $40 \div 8$  | $8 \div 4$    | $25 \div 5$   | $7 \times 7$  |
| $24 \div 4$    | $27 \div 3$    | $56 \div 8$   | $81 \div 9$  | $7 \times 3$  | $1 \times 2$ | $15 \div 5$   | $18 \div 6$   | $36 \div 3$   |
| $64 \div 8$    | $36 \div 6$    | $4 \times 11$ | $99 \div 9$  | $36 \div 9$   | $14 \div 7$  | $8 \div 8$    | $16 \div 8$   | $96 \div 8$   |
| $110 \div 10$  | $4 \times 9$   | $36 \div 9$   | $12 \div 4$  | $1 \times 4$  | $20 \div 5$  | $1 \times 4$  | $5 \times 9$  | $12 \times 8$ |
| $9 \times 3$   | $30 \div 6$    | $15 \div 3$   | $22 \div 11$ | $16 \div 8$   | $12 \div 3$  | $27 \div 9$   | $7 \times 6$  | $9 \times 8$  |
| $8 \times 8$   | $6 \times 4$   | $5 \times 5$  | $48 \div 12$ | $30 \div 10$  | $15 \div 5$  | $6 \times 8$  | $9 \times 9$  | $11 \times 8$ |
| $11 \times 11$ | $12 \times 11$ | $2 \times 9$  | $7 \times 4$ | $121 \div 11$ | $3 \times 9$ | $9 \times 12$ | $12 \times 8$ | $7 \times 11$ |

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

$$5 \times 8 < 12 \times 4$$

$$72 \div 8 > 28 \div 4$$