

4.4. Building towers

Remember

Multiplication and division are inverses of each other. Use your knowledge of one to calculate the other.

Fill in the missing numbers.

Multiply the two numbers on either side of the multiplication sign. Write the answer in the square above the multiplication sign.

		48		
	12	×	4	
3	×	4	×	1

		40		
	10	×	4	
5	×	2	×	2

Divide the number before the division sign by the number after it. Write the answer in the square above the division sign.

		2		
	6	÷	3	
18	÷	3	÷	1

		4		
	8	-	2	
80	÷	10	÷	5

Now make up some towers of your own.

		18		
	6	×	3	
2	×	3	×	1

		2		
	4	÷	2	
24	÷	8	÷	4



*** 4.3. Double and half**

Draw a grid like this one and write the answers in the matching squares.

10	What is half of 20?	What is double 4? ⁸	What is double 6? ¹²
28	What is double 14?	What is double 10? ²⁰	What is half of 2? ¹
3	What is half of 6?	What is half of 8? ⁴	What is double 8? ¹⁶
6	What is half of 12?	What is double 1? ²	What is half of 16? ⁸

There are three toy cars in a pack.

(a) How many cars in:

(i) two packs? $2 \times 3 = 6$

(ii) five packs? $5 \times 3 = 15$

(iii) eight packs? $8 \times 3 = 24$

(iv) 10 packs? $10 \times 3 = 30$

(b) I need 12 toy cars. How many packs should I buy?

$$12 \div 3 = 4$$

The cake shop puts four cakes in each box.

(a) How many cakes in:

(i) two boxes? $2 \times 4 = 8$

(ii) five boxes? $5 \times 4 = 20$

(iii) seven boxes? $7 \times 4 = 28$

(iv) eight boxes? $8 \times 4 = 32$

(b) How many boxes of cakes do I need to give 24 people a cake each?

$$24 \div 4 = 6$$

Multiplication Table

x	1	2	3	4	5	6	7	8	9	10
1	1	2	3	4	5	6	7	8	9	10
2	2	4	6	8	10	12	14	16	18	20
3	3	6	9	12	15	18	21	24	27	30
4	4	8	12	16	20	24	28	32	36	40
5	5	10	15	20	25	30	35	40	45	50
6	6	12	18	24	30	36	42	48	54	60
7	7	14	21	28	35	42	49	56	63	70
8	8	16	24	32	40	48	56	64	72	80
9	9	18	27	36	45	54	63	72	81	90
10	10	20	30	40	50	60	70	80	90	100