

# 7x Table Search

1. Write out your 7x table below.

$0 \times 7 = 0$
$1 \times 7 =$
$4 \times 7 =$
$9 \times 7 =$
$12 \times 7 =$



# 7x Table Search

2. Find the sets of 3 numbers from your 7× table number sentences. Colour them in. They may be horizontal, vertical or diagonal. Write the ones you find underneath. One is done for you as an example. How many can you find?

22	11	7	77	13	10	3	41	29	33
6	29	30	18	7	15	7	14	24	8
34	7	21	70	1	67	21	57	7	16
5	2	42	4	7	48	37	56	11	12
17	10	7	81	7	23	19	8	7	23
35	4	7	14	63	3	28	84	49	41
7	25	11	7	50	7	43	37	7	76
5	19	9	10	4	14	66	48	7	82

a.  $4 \times 7 = 28$

b. \_\_\_\_\_

c. \_\_\_\_\_

d. \_\_\_\_\_

e. \_\_\_\_\_

f. \_\_\_\_\_

g. \_\_\_\_\_

h. \_\_\_\_\_

i. \_\_\_\_\_

j. \_\_\_\_\_

k. \_\_\_\_\_

l. \_\_\_\_\_

# Cupcake Conundrum

At a cake sale there are chocolate cakes and fairy cakes.

Chocolate cakes are decorated with 7 chocolate stars.

Fairy cakes are decorated with 7 sugar stars.

I can count 63 stars altogether.

How many of each cake are there?

You must have at least one of each kind of cake.

There are a few possible combinations.

**How many can you find?**



## Challenge

Someone brings over a tray of cupcakes to be sold.

The cupcakes are decorated with 7 gold stars.

There are still 63 stars in total.

How many of each cake are there?

You must have one of each.

There are a few possible combinations.

**How many can you find?**



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1. Write out your 7x table below.

$0 \times 7 = 0$
$1 \times 7 = 7$
$2 \times 7 = 14$
$3 \times 7 = 21$
$4 \times 7 = 28$
$5 \times 7 = 35$
$6 \times 7 = 42$
$7 \times 7 = 49$
$8 \times 7 = 56$
$9 \times 7 = 63$
$10 \times 7 = 70$
$11 \times 7 = 77$
$12 \times 7 = 84$

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a.  $4 \times 7 = 28$

g.  $5 \times 7 = 35$

b.  $11 \times 7 = 77$

h.  $6 \times 7 = 42$

c.  $2 \times 7 = 14$

i.  $1 \times 7 = 7$

d.  $3 \times 7 = 21$

j.  $9 \times 7 = 63$

e.  $7 \times 7 = 49$

k.  $12 \times 7 = 84$

f.  $8 \times 7 = 56$

l.  $10 \times 7 = 70$

# Cupcake Conundrum

Chocolate	Fairy
8	1
7	2
6	3
5	4
4	5
3	6
2	7
1	8

Chocolate	Fairy	Cupcake
7	1	1
6	2	1
5	3	1
4	4	1
3	5	1
2	6	1
1	7	1
6	1	2
5	2	2
4	3	2
3	4	2
2	5	2
1	6	2
5	1	3
4	2	3
3	3	3
2	4	3
1	5	3
4	1	4
3	2	4
2	3	4
1	4	4
3	1	5
2	2	5
1	3	5
2	1	6
1	2	6
1	1	7