

# 4× Table Search

1. Write out your 4x table below.

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

# 4x Table Search

2. Find the sets of 3 numbers from your 4x 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.

5	9	8	3	4	12	17	23	28	6
25	6	4	44	19	4	1	7	13	4
10	12	9	36	16	16	4	12	4	11
4	2	13	18	4	8	4	6	22	28
40	4	22	4	33	6	5	18	14	2
19	8	32	15	14	11	4	44	44	48
2	28	4	10	13	8	6	24	34	4
15	16	8	49	5	4	20	10	7	12

a.  $4 \times 4 = 16$  \_\_\_\_\_

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

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

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

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

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

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

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

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

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

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

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

# Dog and Cats



At a park there are some dogs and cats.

I can count 36 legs.

How many cats are there?

How many dogs are there?

There must be at least one dog and one cat.

There are a few possible combinations.

**How many can you find?**

## Challenge

Some mice come to the park to play with the dogs and cats..

There are still 36 legs in total.

How many dogs, cats and mice are there?

*You must have at least one of each creature.*

There are a few possible combinations.



# 4× Table Search Answers

1. Write out your 4x table below

$0 \times 4 = 0$
$1 \times 4 = 4$
$2 \times 4 = 8$
$3 \times 4 = 12$
$4 \times 4 = 16$
$5 \times 4 = 20$
$6 \times 4 = 24$
$7 \times 4 = 28$
$8 \times 4 = 32$
$9 \times 4 = 36$
$10 \times 4 = 40$
$11 \times 4 = 44$
$12 \times 4 = 48$

# 4× Table Search Answers

2. Find the sets of 3 numbers from your 4x 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.

5	9	8	3	4	12	17	23	28	6
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19	8	32	15	14	11	4	44	44	48
2	28	4	10	13	8	6	24	34	4
15	16	8	49	5	4	20	10	7	12

a.  $4 \times 4 = 16$

k.  $12 \times 4 = 48$

b.  $11 \times 4 = 44$

l.  $10 \times 4 = 40$

c.  $2 \times 4 = 8$

d.  $3 \times 4 = 12$

e.  $7 \times 4 = 28$

f.  $8 \times 4 = 32$

g.  $5 \times 4 = 20$

h.  $6 \times 4 = 24$

i.  $1 \times 4 = 4$

j.  $9 \times 4 = 36$

# Dogs and Cats

## Answers

1.

8 dogs and 1 cat  
7 dogs and 2 cats  
6 dogs and 3 cats  
5 dogs and 4 cats  
4 dogs and 5 cats  
3 dogs and 6 cats  
2 dogs and 7 cats  
1 dog and 8 cats

7 dogs, 1 cat, 1 mouse  
6 dogs, 2 cats, 1 mouse  
5 dogs, 3 cats, 1 mouse  
4 dogs, 4 cats, 1 mouse  
3 dogs, 5 cats, 1 mouse  
2 dogs, 6 cats, 1 mouse  
1 dog, 7 cats, 1 mouse

6 dogs, 1 cat, 2 mice  
5 dogs, 2 cats, 2 mice  
4 dogs, 3 cats, 2 mice  
3 dogs, 4 cats, 2 mice  
2 dogs, 5 cats, 2 mice  
1 dog, 6 cats, 2 mice

5 dogs, 1 cat, 3 mice  
4 dogs, 2 cats, 3 mice  
3 dogs, 3 cats, 3 mice  
2 dogs, 4 cats, 3 mice  
1 dog, 5 cats, 3 mice

4 dogs, 1 cat, 4 mice  
3 dogs, 2 cats, 4 mice  
2 dogs, 3 cats, 4 mice  
1 dog, 4 cats, 4 mice

3 dogs, 1 cat, 5 mice  
2 dogs, 2 cats, 5 mice  
1 dog, 3 cats, 5 mice

2 dogs, 1 cat, 6 mice  
1 dog, 2 cats, 6 mice  
1 dog, 1 cats, 7 mice