Year 4

Multiplicative Fluency 2
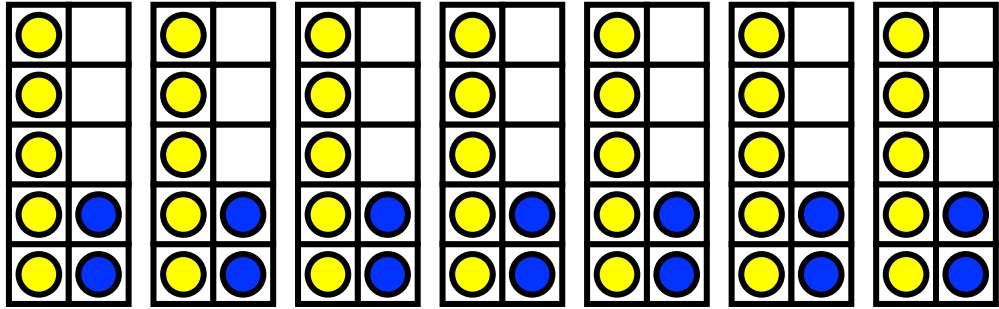
Week 4

Numbers 48 and 49

Understanding 48 and 49!

Notes for teachers in school or at home:

- This week is about learning key factors for 48 and 49 (up to 9x table)

- Know that 48 has 1 key fact: 6×8

- Know that 49 has 1 key fact: 7×7.

- Understand that 49 is a number multiplied by itself.

- Understand how 6×8 relates to other factors of 48.
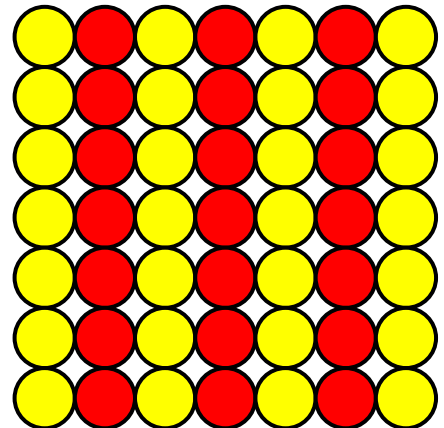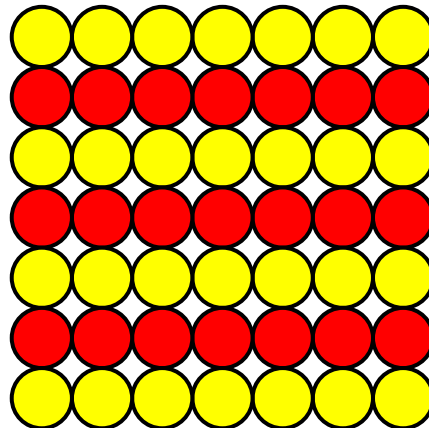
- Think about how 48 and 49 are related.

Number 49

Can you see?

**7 groups of 5?
7 and groups of 2?**

7 groups of 7?

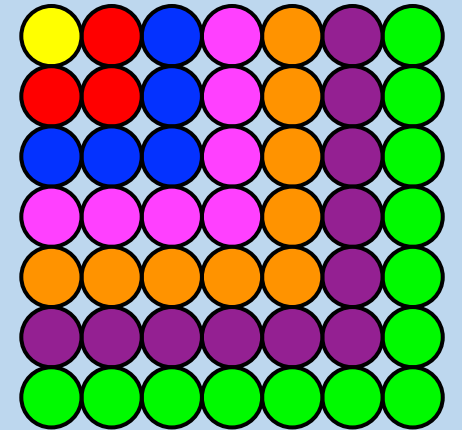**This is an interesting pattern hidden in 49.**

Can you see how it works?
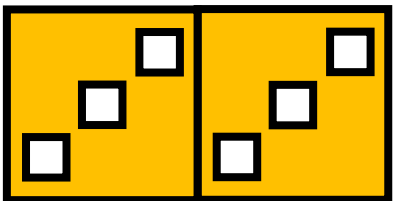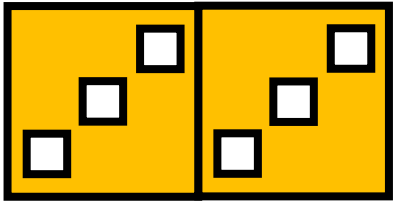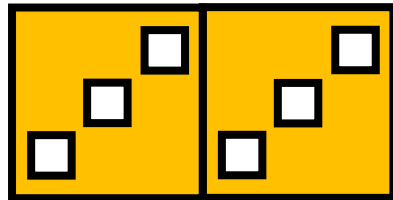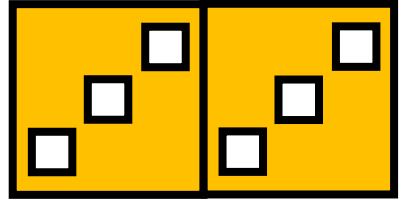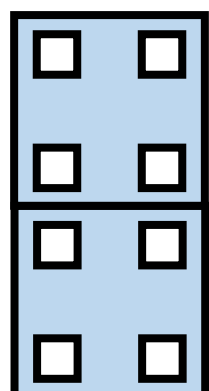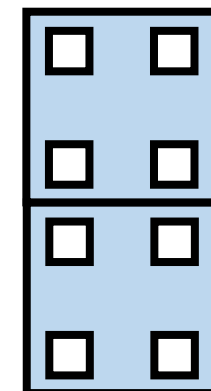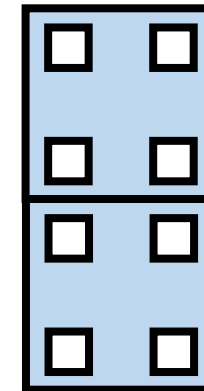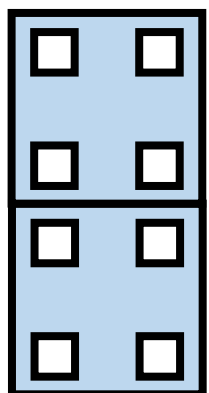
Can you see why 49 is called a square number?
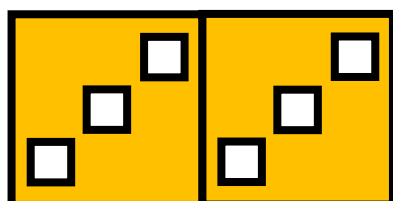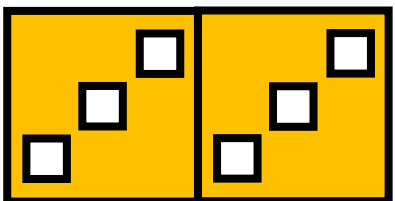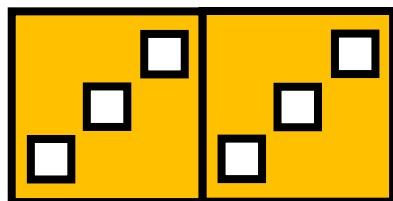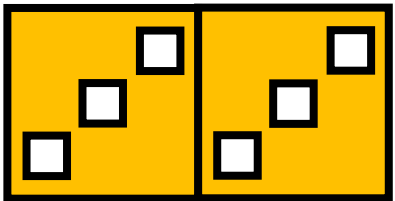
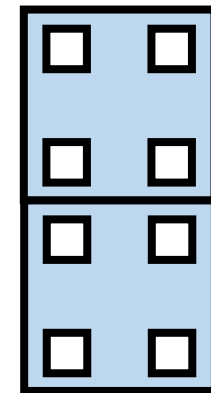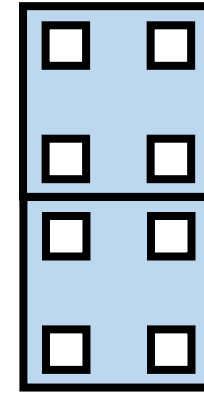# Number 48

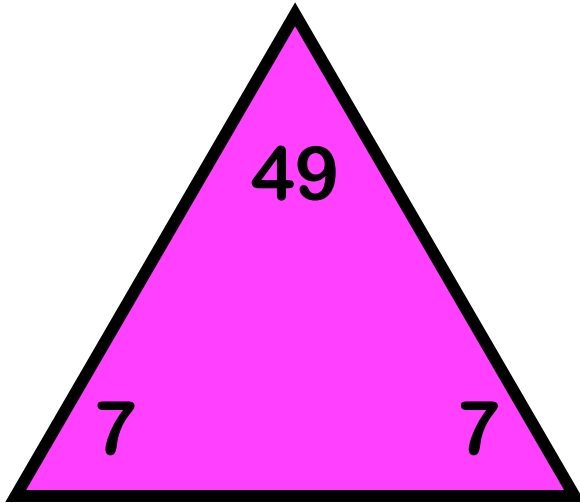Look at these dominoes.

What equal groups do they show?

Facts to learn

49

7   7

48
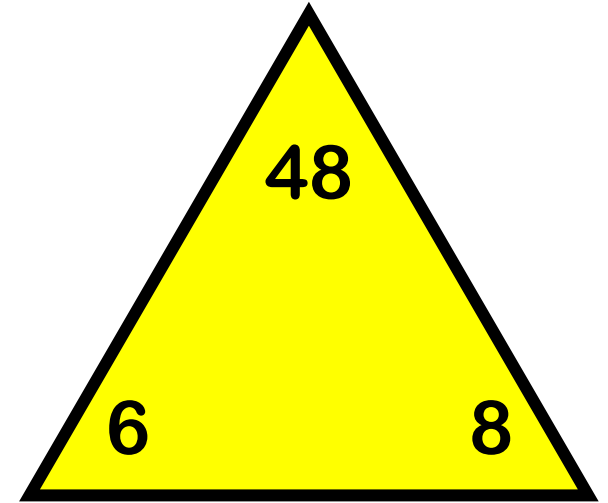
6   8

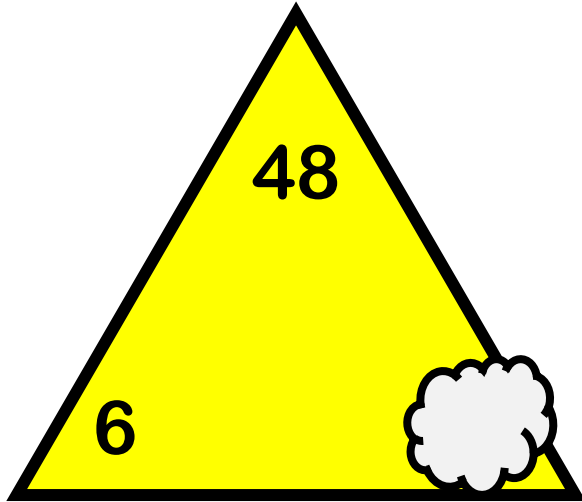One factor triangle to learn for each of

48 and 49

Make a card for each number.

Cover one number at a time.

Display it in a room.
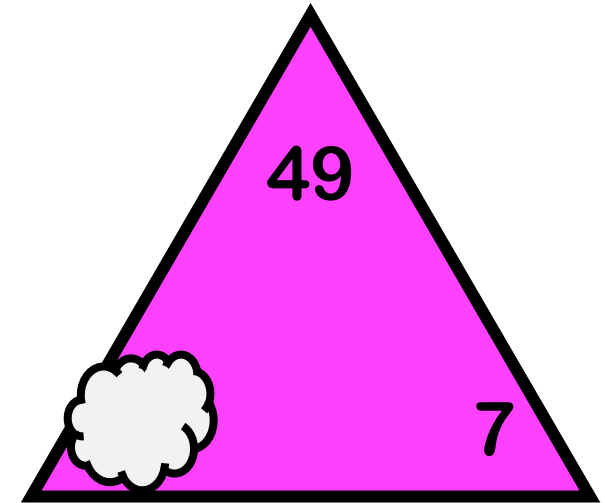
Try to remember the missing number time you pass it.

Compare 48 and 49

48

6

49

7

Complete these factor triangles.

Try to place them in your long-term memory!

$$\square \times \square = 48$$

$$\square \times \square = 48$$

$$48 \div \square = \square$$

$$48 \div \square = \square$$

Write two multiplications and two divisions using the factors of 48

How many multiplications and divisions can you make involving these factors of 49?

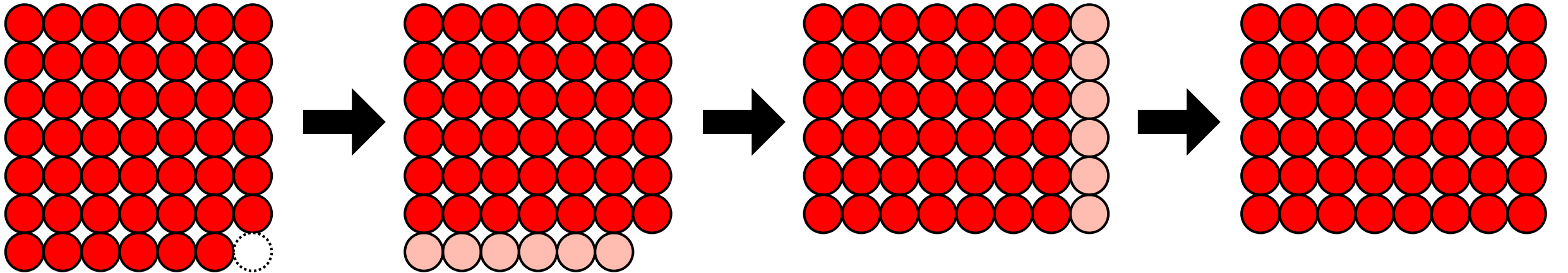**Why is this different than for the factors of 48?**

This week we learned about two numbers next to each other: 48 and 49

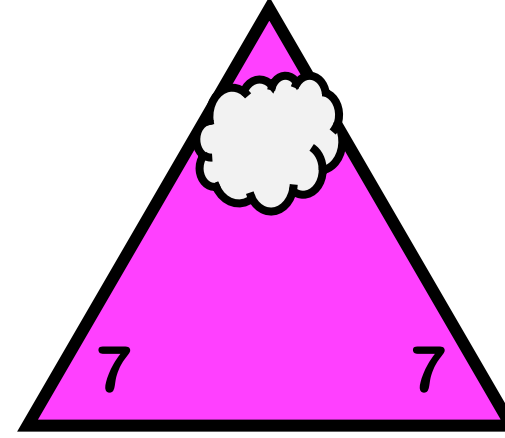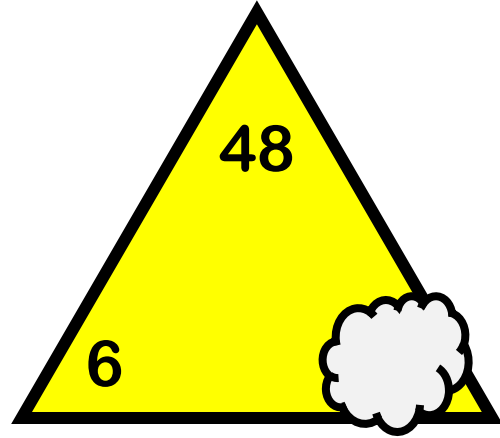$$7 \times 7 = 49$$
$$6 \times 8 = 48$$

Can you see how to turn 7×7 into 6×8?

Can you see why 6×8 is one less than 7×7 ?

This week we have learned:

CODE Maths Hub

48
6

7 7

Can you remember these from earlier weeks?

35
7

40
8

32
4

36
9

6 6