

Year 5

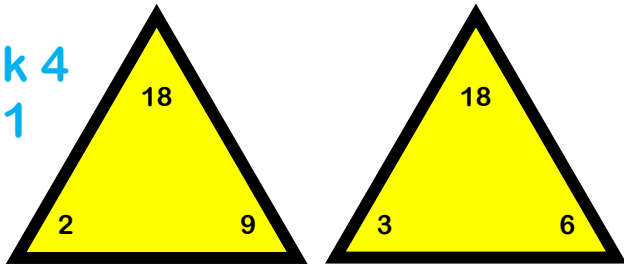
Multiplicative Fluency 3

Week 2

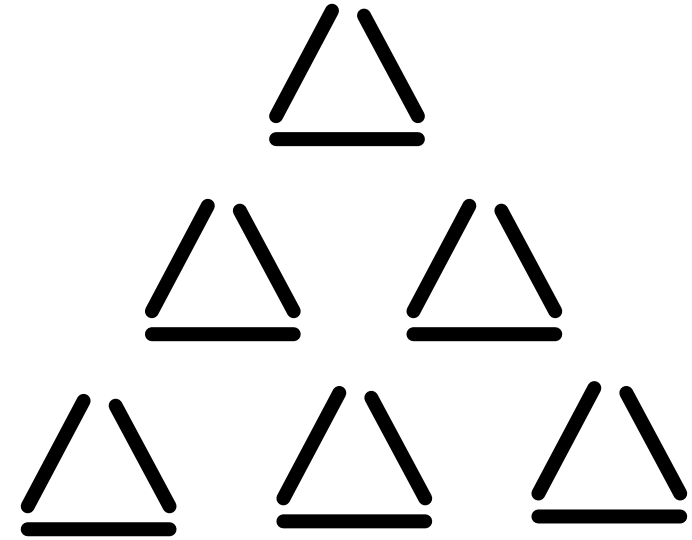
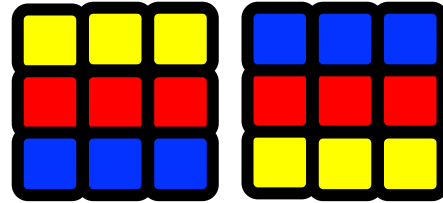
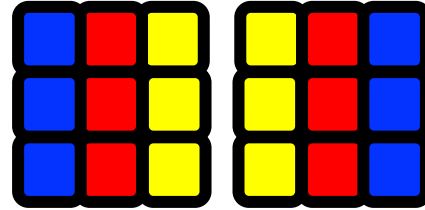
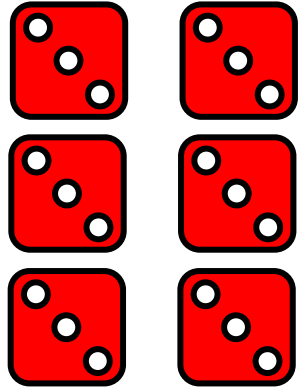
Numbers 15, 16, 35 and 40

Notes for teachers in school or at home:

- Learn key factors for each number.
- Understand the link between 48 and 49
- Use factors to multiply, divide and find fractions.



18



Look how these dice make 18.

Describe the equal groups.

Can you find another way?

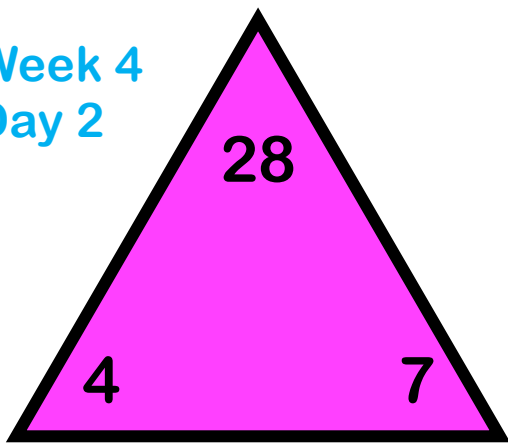
Make colourful patterns from two nines.

Show that double 9 is 18.

Use 18 sticks or twigs.

How many triangles can you make?

How many hexagons?

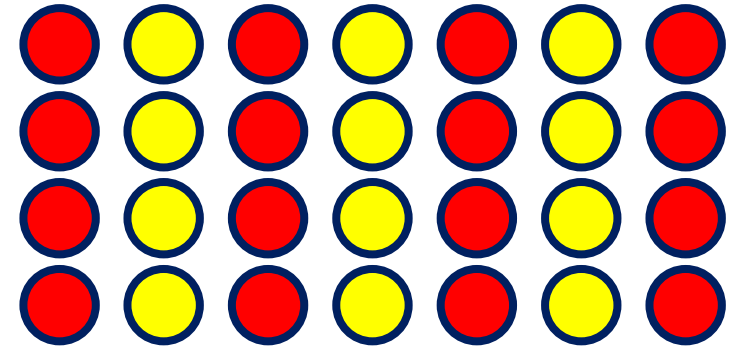


So many ways to think about 28!

7 days is 1 week
14 days is 2 weeks.
...
28 days is ... a month-ish!!

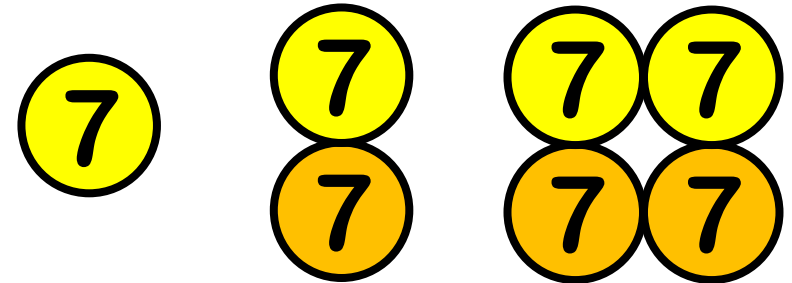
Can you see?

- 7 groups of 4
- 4 groups of 7
- 20 and 8
- A quarter of 28
- Double 14



S	S	M	T	W	Th	F
S	S	M	T	W	Th	F
S	S	M	T	W	Th	F
S	S	M	T	W	Th	F

Double double!



1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

37	38	39	40
47	48	49	50
57	58	59	60
67	68	69	70

48 and 49 are consecutive

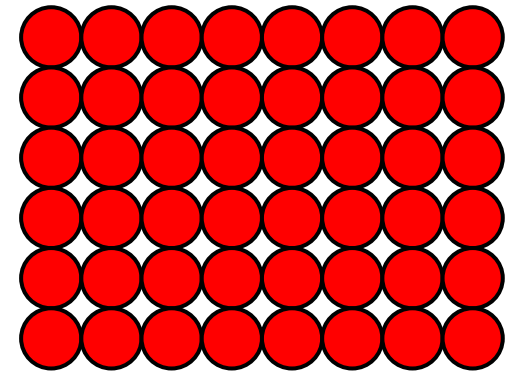
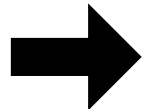
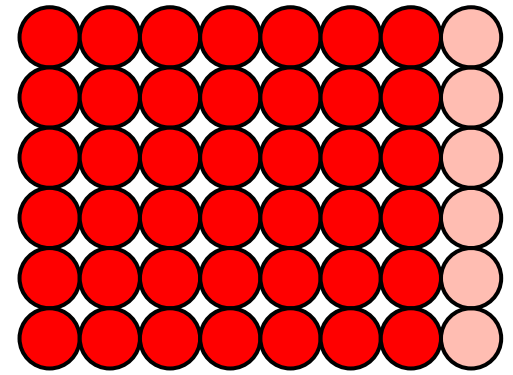
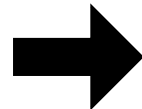
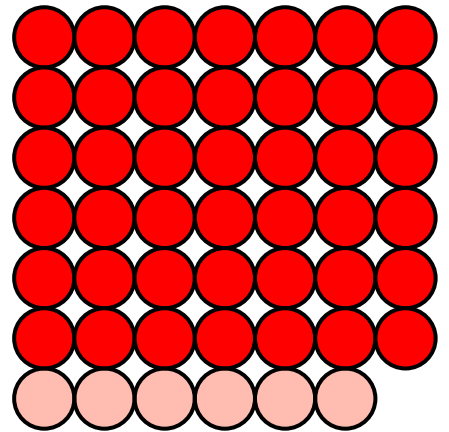
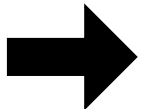
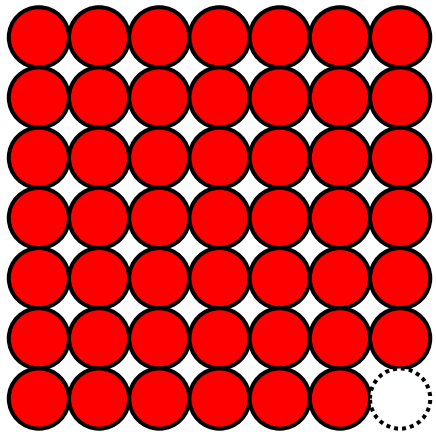
48 and 49

$$7 \times 7 = 49$$

$$6 \times 8 = 48$$

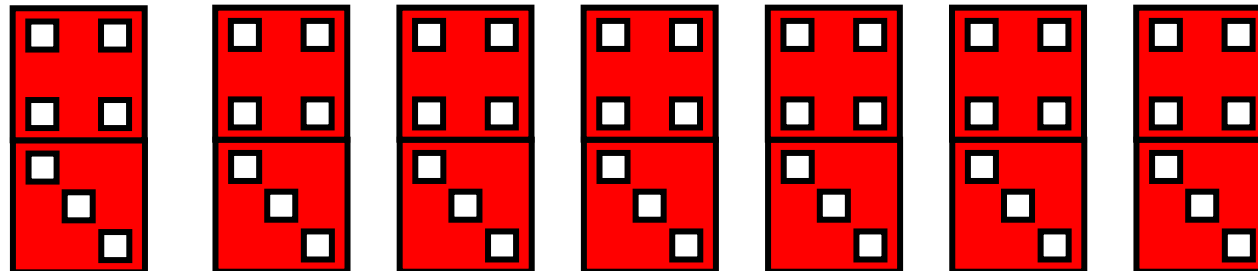
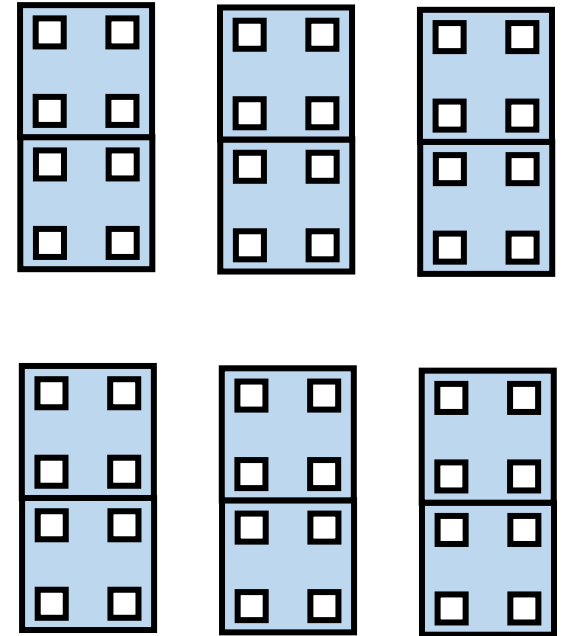
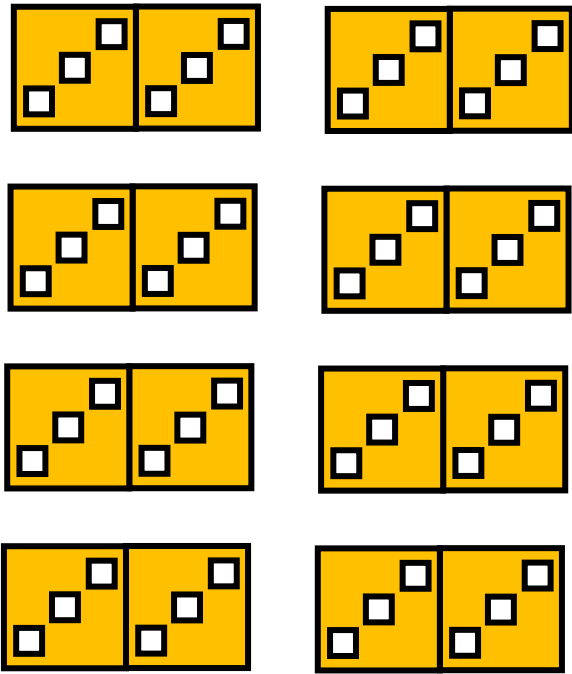
Can you see how to turn 7×7 into 6×8 ?

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

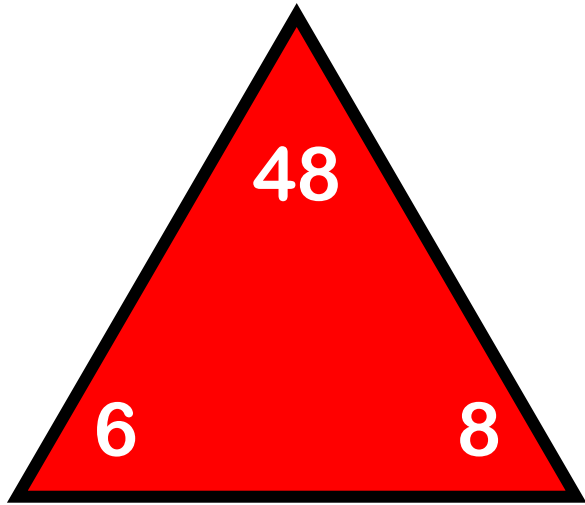


48 and 49

Look at these dominoes.
What equal groups do they show?

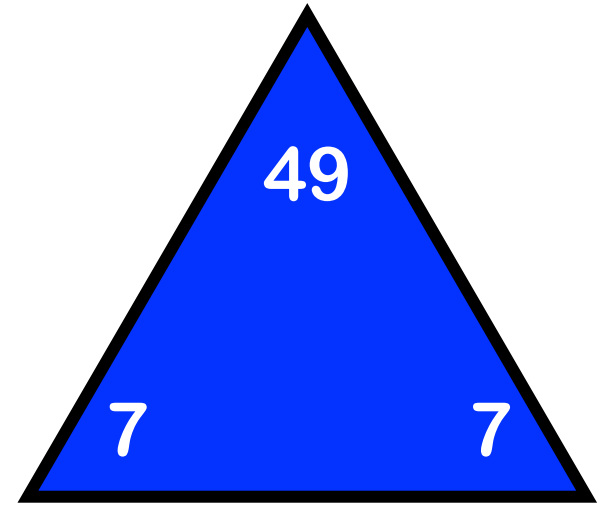


Facts to learn



One factor triangle
to learn for each of

48 and 49



$$\boxed{6} \times \boxed{8} = \boxed{48}$$

$$\boxed{8} \times \boxed{6} = \boxed{48}$$

$$\boxed{48} \div \boxed{} = \boxed{8}$$

$$\boxed{48} \div \boxed{8} = \boxed{}$$

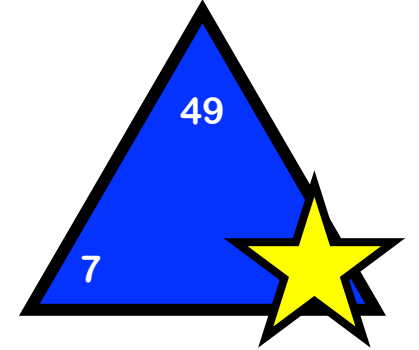
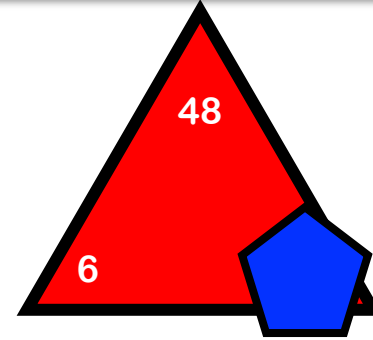
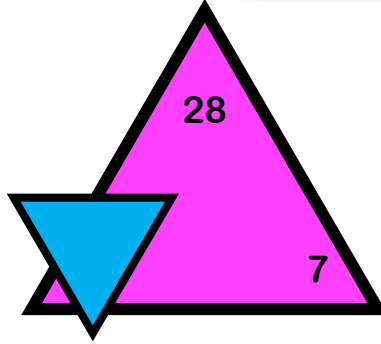
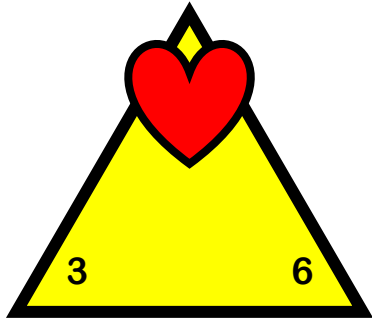
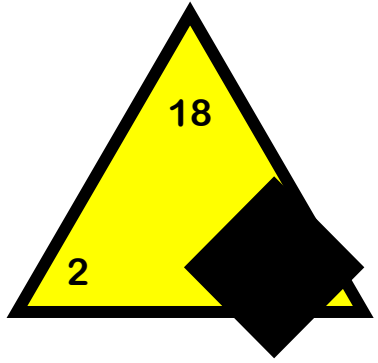
Complete the four
multiplications and
division facts using
the factors of 48

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's facts

Try to find some interesting links
between the numbers



Can you remember these?

