Year 5

Multiplicative Fluency 3

Week 2

Numbers 15, 16, 35 and 40

# 15 16 35 40

Notes for teachers in school or at home:

- **Learn key factors for each number.**

- **Use these to multiply, divide and find fractions.**

Key factors of the week

15
3   5

16
2   8

16
4   4

35
5   7

40
5   8
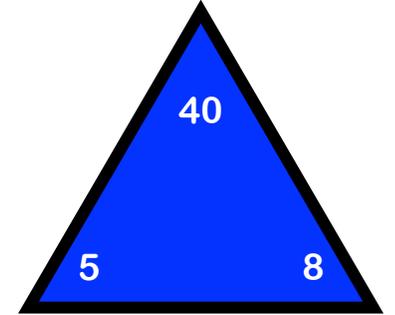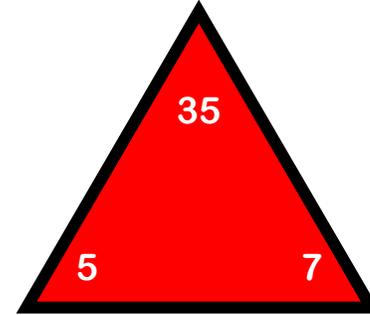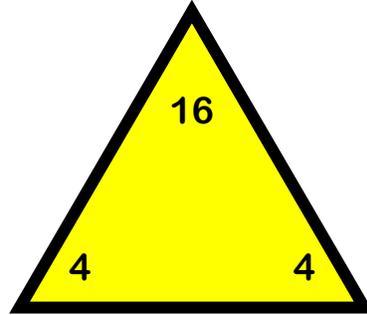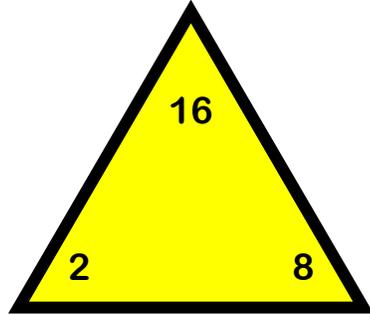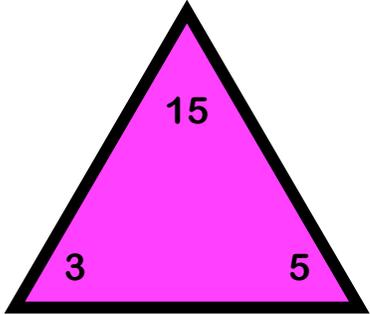
Learn these factor triangles.

Match each triangle to a diagram.

Factors of 15

15

3   5

$\square \times \square = \boxed{15}$

$\square \times \square = \boxed{15}$

$\boxed{15} \div \square = \square$

$\boxed{15} \div \square = \square$
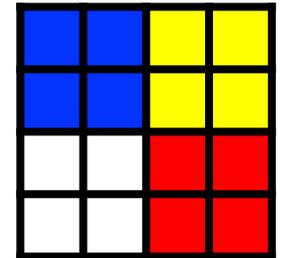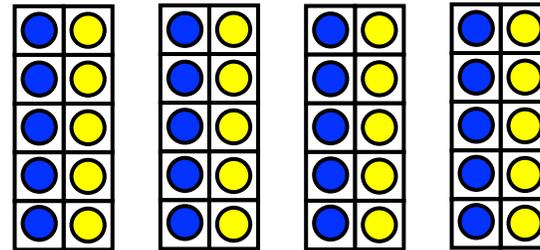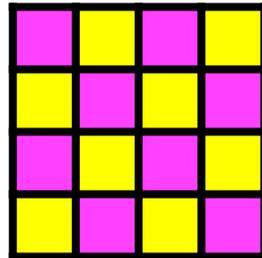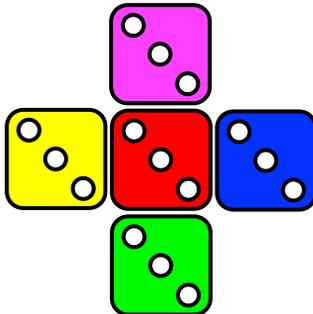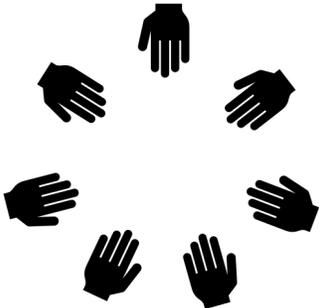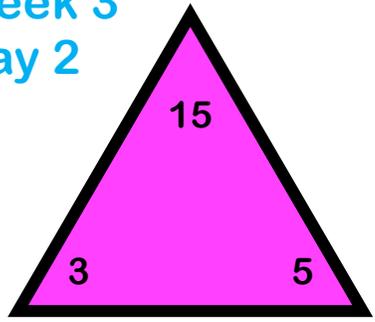
Write 2 multiplication and 2 division facts for 15.

15
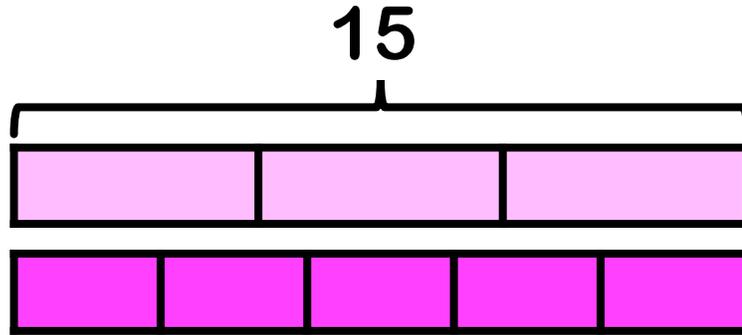
$\dfrac{1}{3}$ **of 15 is** $\square$

$\dfrac{1}{5}$ **of 15 is** $\square$

$\dfrac{2}{5}$ **of 15 is** $\square$

$\dfrac{\square}{5}$ **of 15 is 12**

$150 = 30 \times$

$150 \div 3 =$

$150 \div$ ⬠ $= 5$

$1500 = 5 \times$ ♥

$1500 = 3 \times$ ●

$1500 \div 3 =$ ★

$1500 =$ ▽ $\times 50$

Factors of 16

16

2   8

16

4   4
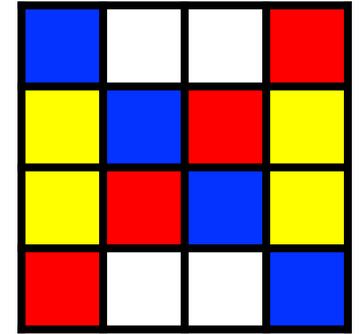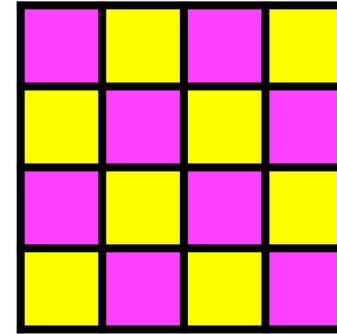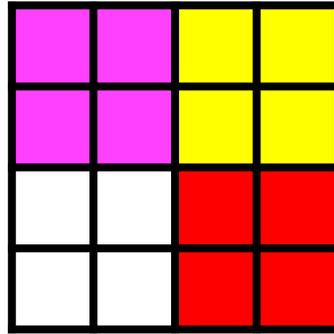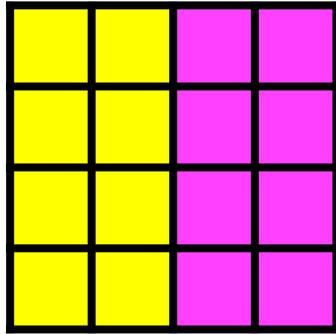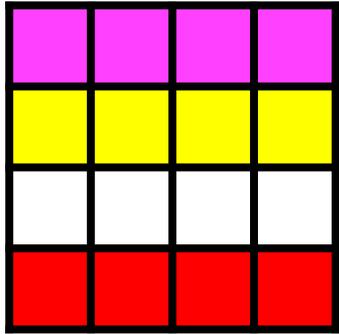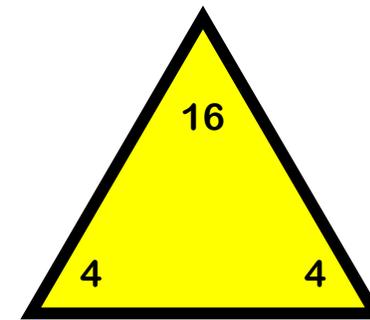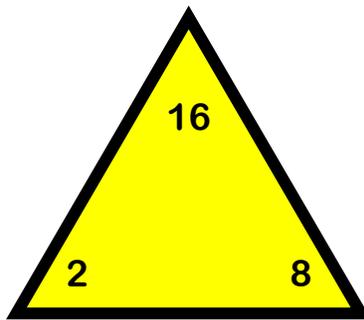
**Look at all these ways to colour 16.**

Can you see equal groups?

**Invent your own patterns for 16.**

Use colours and be inventive!

Key factors of 35

35

5   7
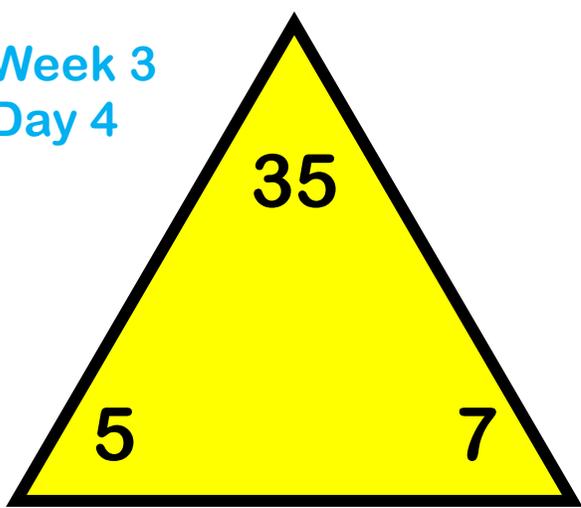
Complete this fact firework!

Can you add even more facts?

500×7

50×7

50×70

$350 \div 7$

$5 \times 7 = 35$

$350 \div 5$

$3500 \div 5$

$3500 \div 5$

5×700
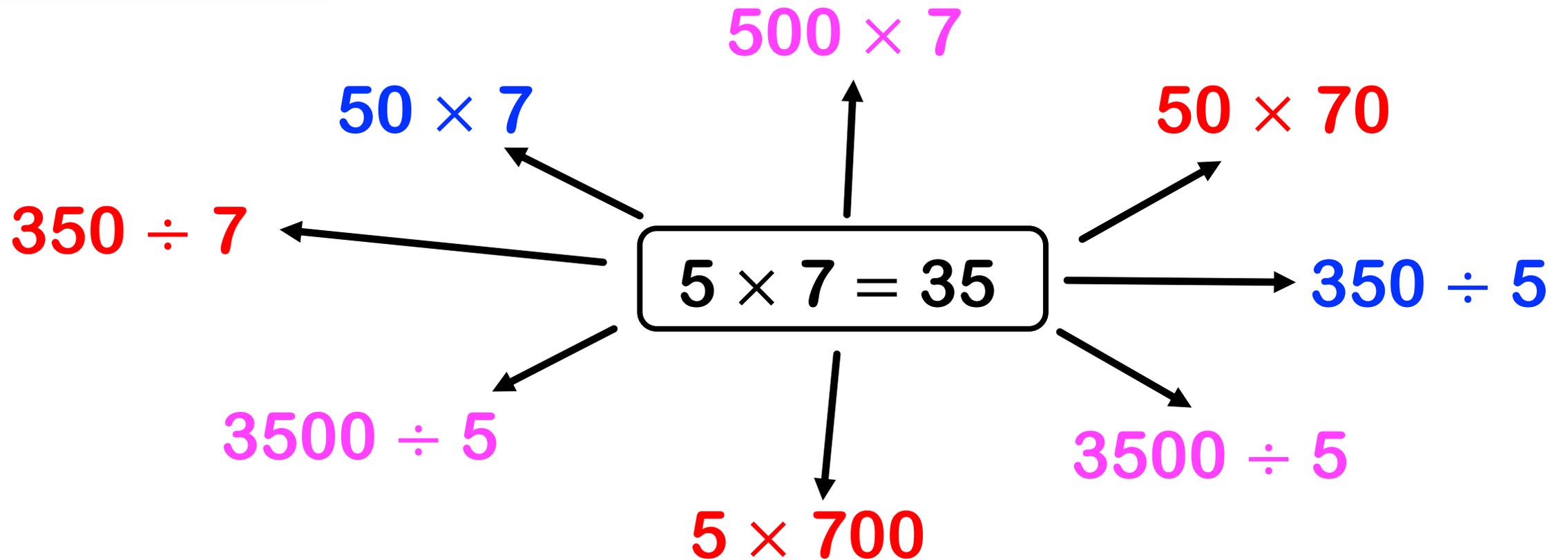
Equal groups to make 40
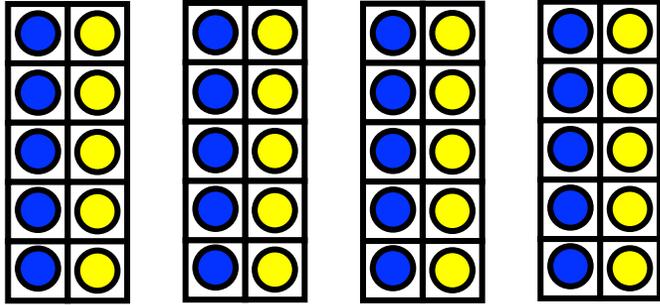
Can you see how

2 groups of 20
4 groups of 10
8 groups of 5

are related?
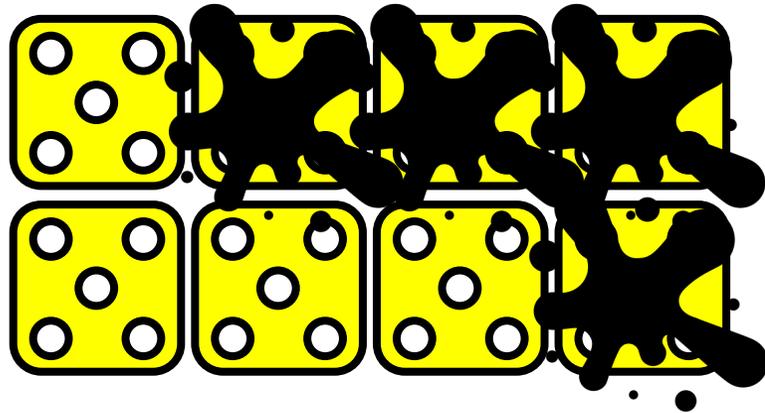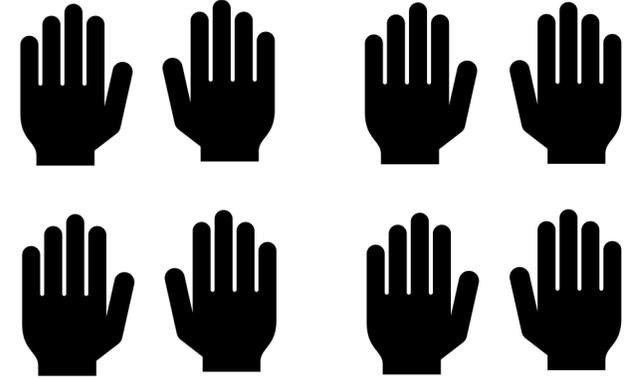
Each pattern makes 40 from equal dice.

How many dots are hidden?

This week's facts

15 3

2 8

16 4

35 5

40 5
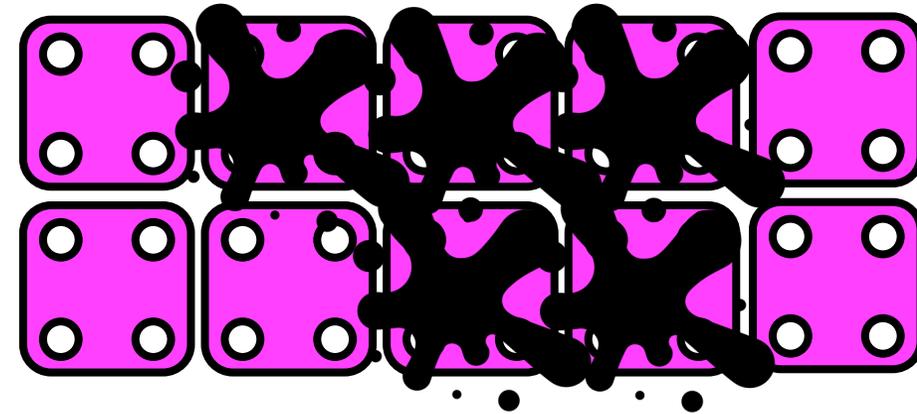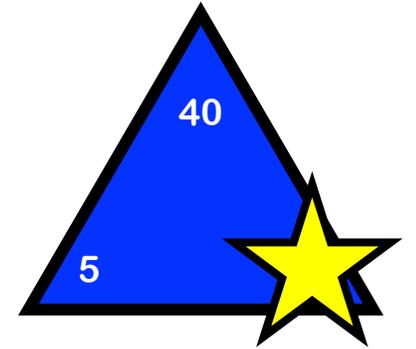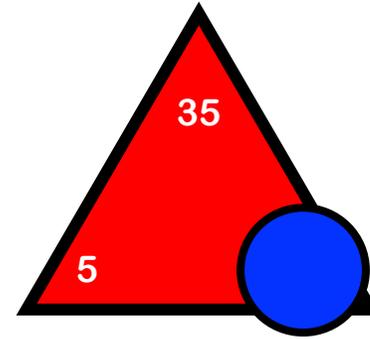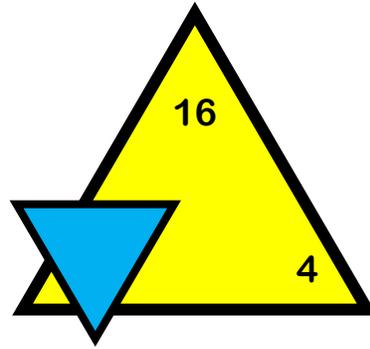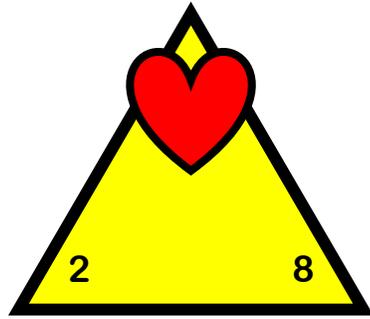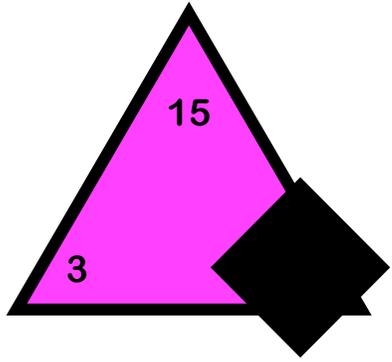
Can you remember last week's?

12 4

2 6

14 2

32 8

36 4

6 6