# Year 3

Multiplicative Fluency 1

Week 5

**Numbers 21 and 32**

Numbers of the week... 21 and 32!

Notes for teachers in school or at home:

- **This week is about learning the multiplication facts for 21 and 32.**

- **Know that 21 has 1 key fact: 3×7.**

- **Recognise 21 in context: 3 weeks, 7 threes...**

- **Know that 32 has 1 key fact: 4×8**

- **Understand that 32 is double 16**
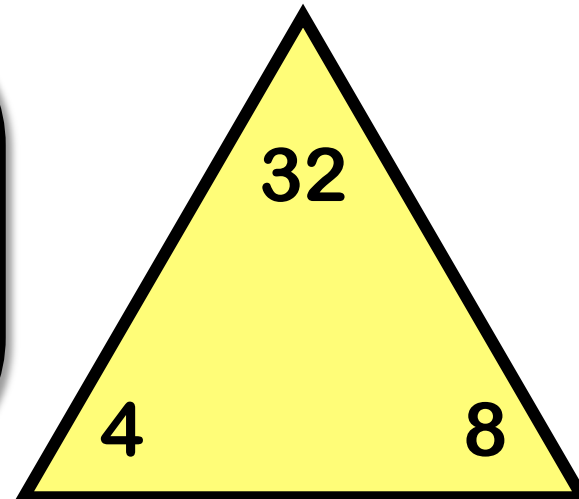
- **Know division and fraction facts for each number.**

Last week we learned 3 factor triangles...

18

9

3   6

28

7
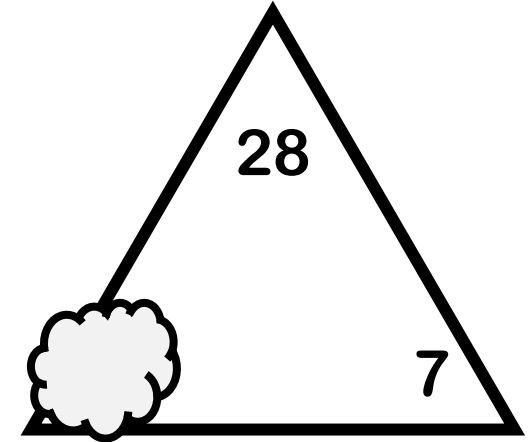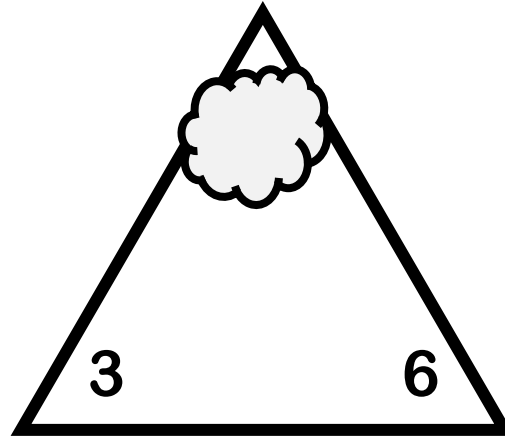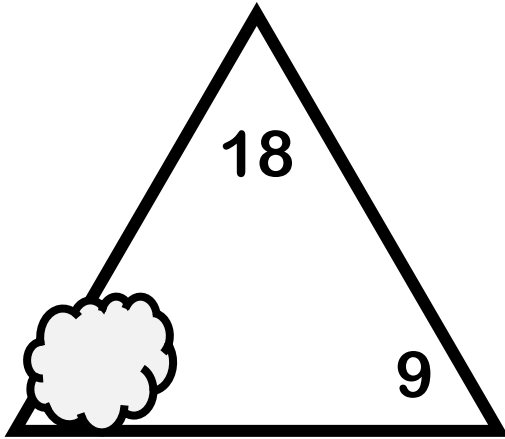
This week, we learn 2 more!

21

3   7
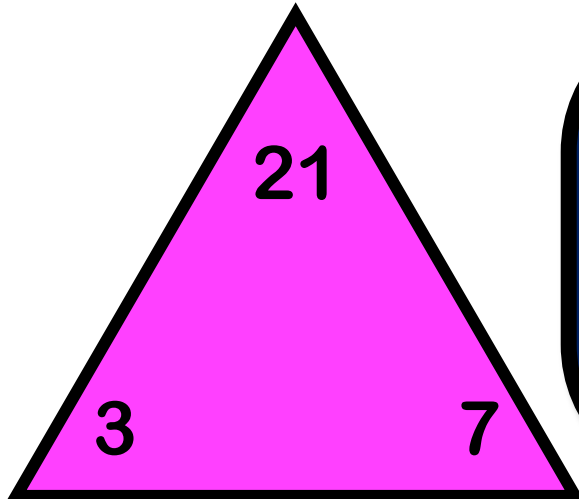
Practise these all week. Display them and hide one number each day.
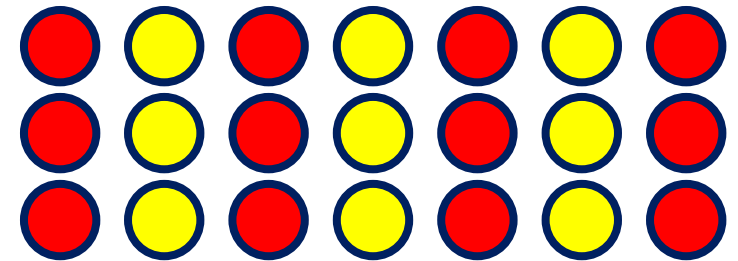
32

4   8

21

Can you see?

7 groups of 3

3 groups of 7
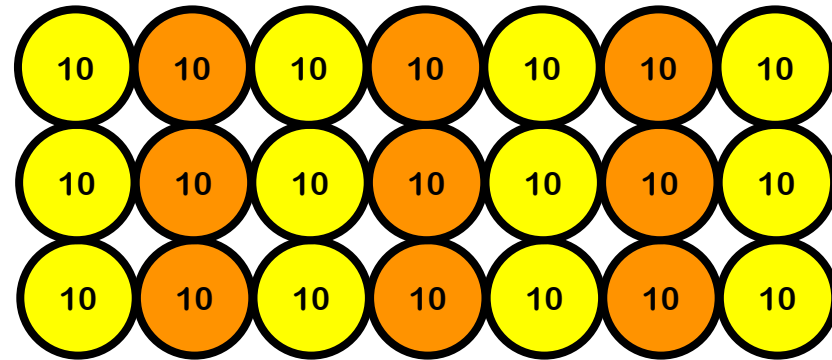
14 and 7

5 groups of 3 and 2 groups of 3

15 and 6

3 weeks
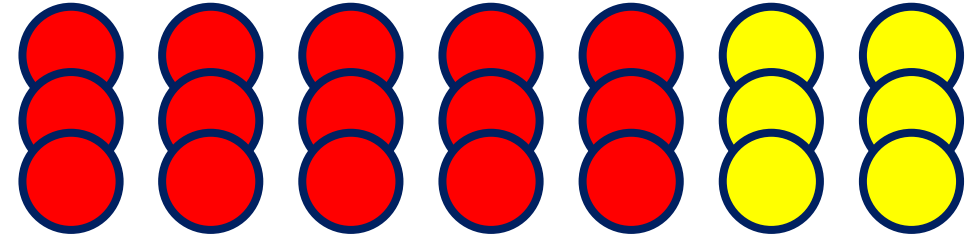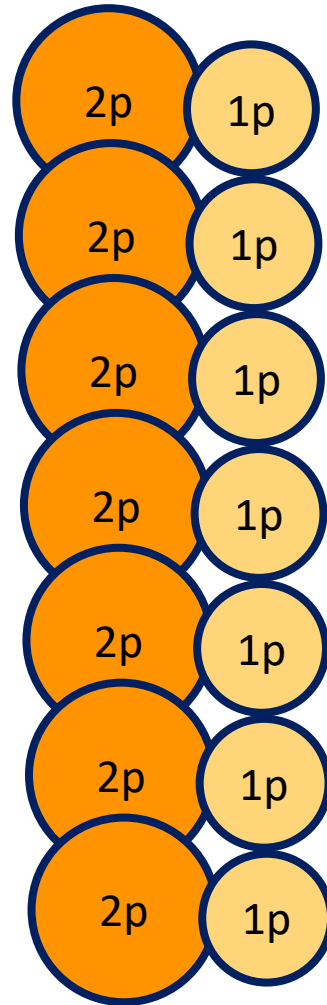
S	S	M	T	W	Th	F
S	S	M	T	W	Th	F
S	S	M	T	W	Th	F

2p	1p
2p	1p
2p	1p
2p	1p
2p	1p
2p	1p
2p	1p

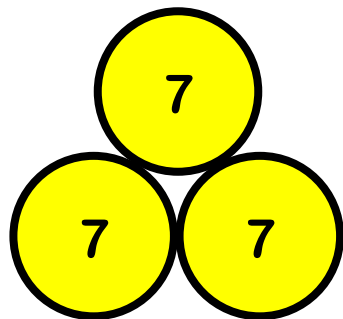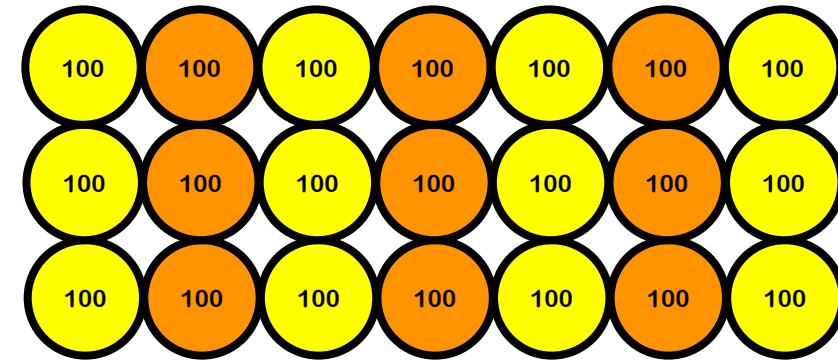| 3	3	3	3	3	3	3

Count up to 21 in 3s
Hear the rhythm
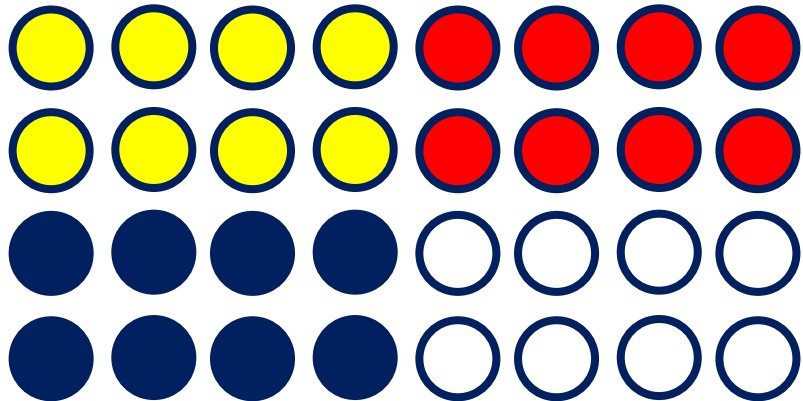**3, 6, 9, 12**
15, 18, 21

If I know 3 x 7 ...

7 lots of 3 ones is 21 ones

7 lots of 3 tens is 21 tens

7 lots of 3 hundreds …
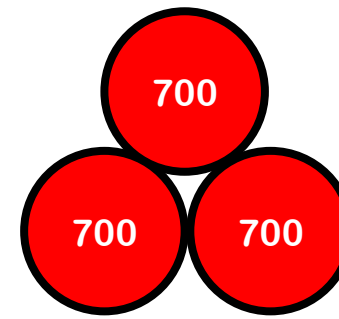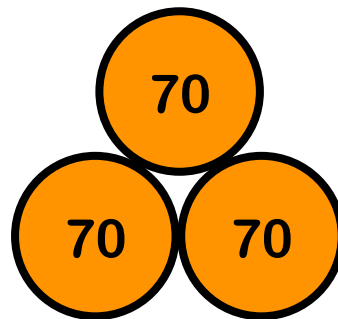
How many multiplication facts?

How many division facts?

32

Can you see?

4 groups of 8

8 groups of 4

Double 16

4×8
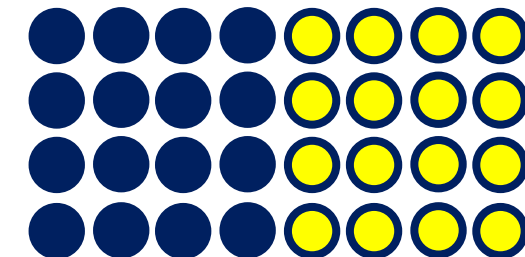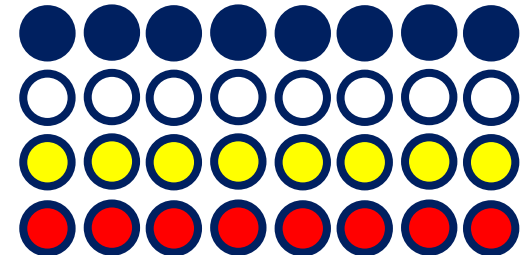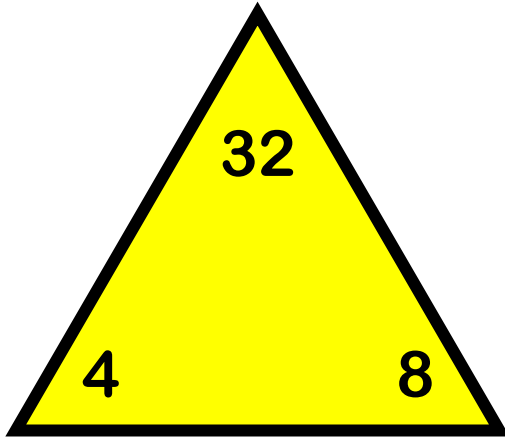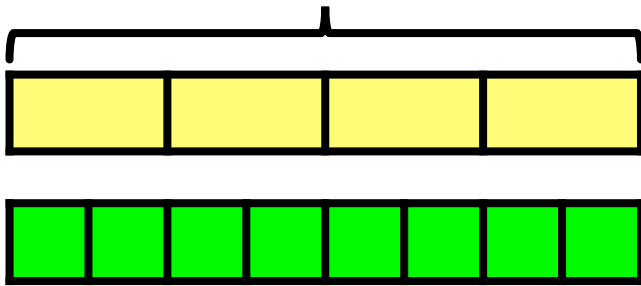
8×4

2×16

16×2

$32 \div 4$

$32 \div 8$

**Start on 1
Double it
Double again
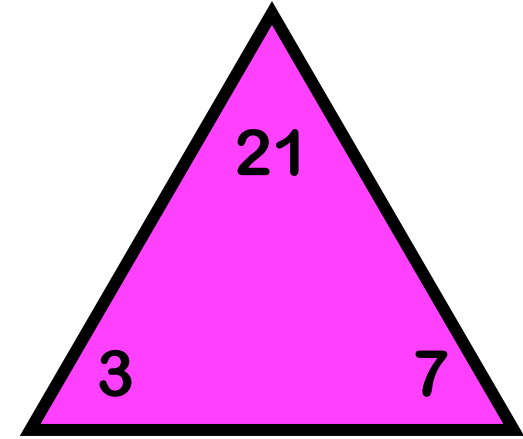Double again
…
Keep going!**
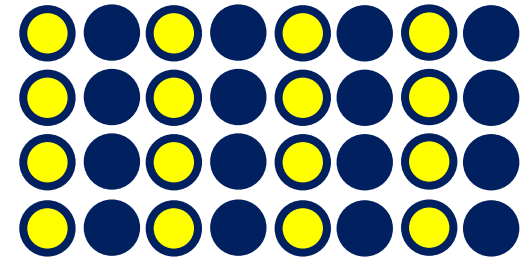
Fraction skills

32
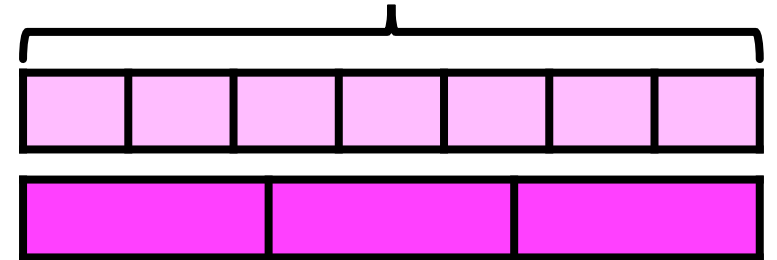4   8

32

21
3   7

21

$\frac{1}{4}$ of 32 is ☐

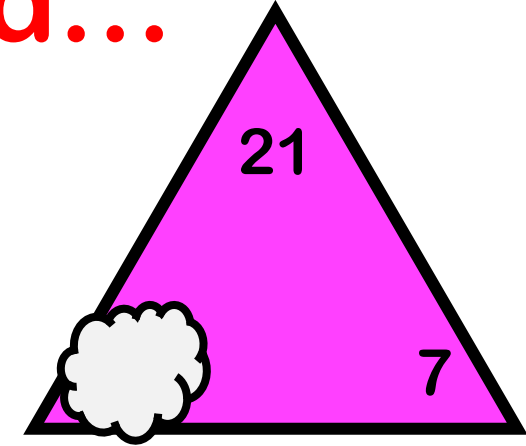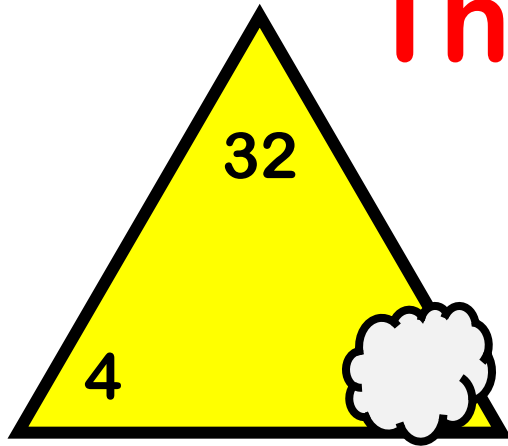$\frac{1}{8}$ of 32 is ☐

$\frac{1}{☐}$ of 21 is 7

$\frac{1}{☐}$ of 21 is 3

This week we learned...

32
4

21
7

Do you remember these from earlier weeks?

18
9

28
4

3
6

12
2

16
4

3
5

14
2