Mathematics in Year 4

- End of year expectations.
- School calculation policy.
- Examples of Year 4 work.
- Times tables.
- Resources to help your children.
- Any questions?

End of year expectations - What should your child be able to do by July?

http://www.netherthongprimary.co.uk/our-classes/class-4

School calculation policy - what is it and where do I find it?

http://www.netherthongprimary.co.uk/curriculum-1/maths

4,592 + 2,679 = 7,271

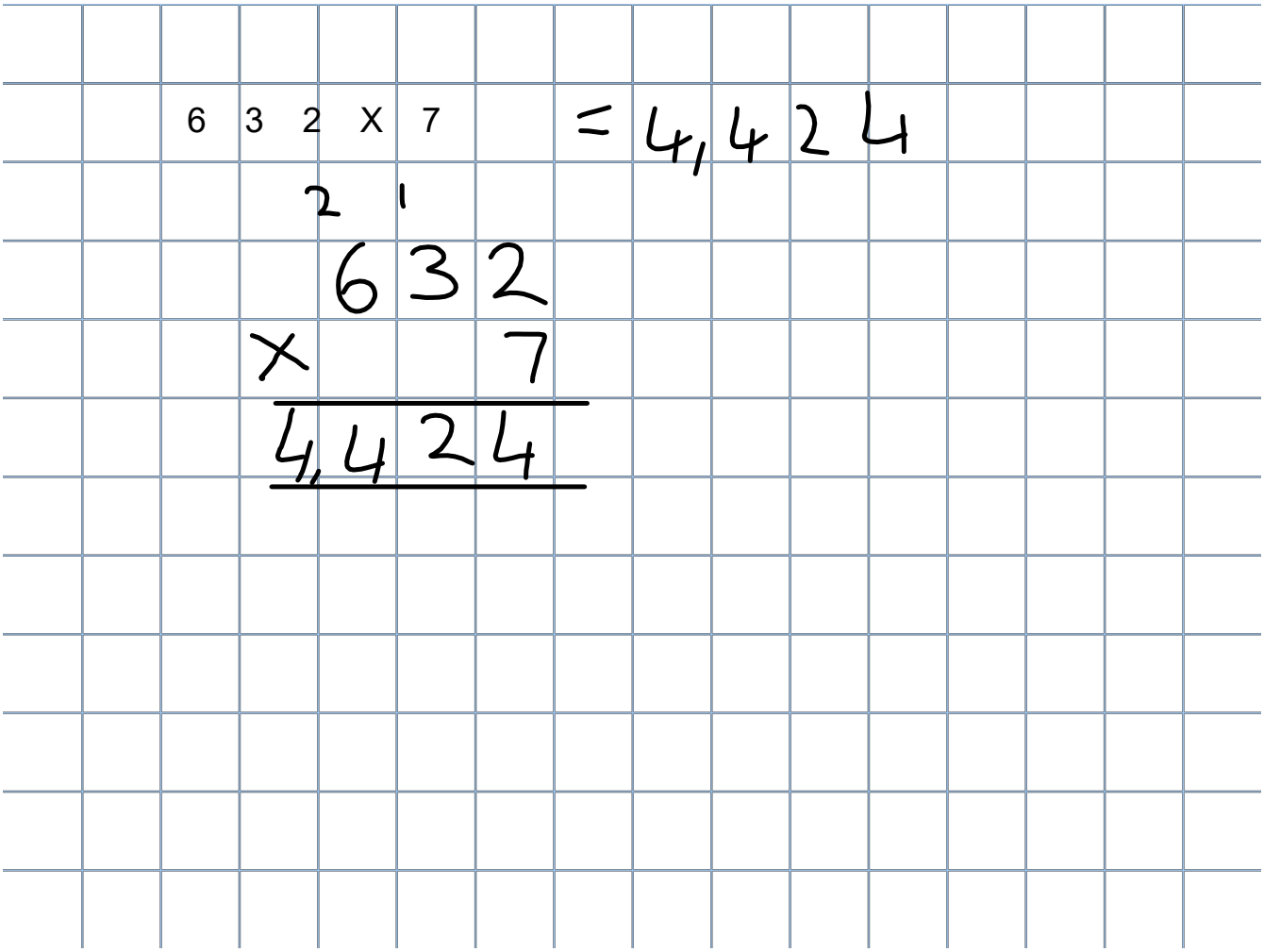
1 1 1

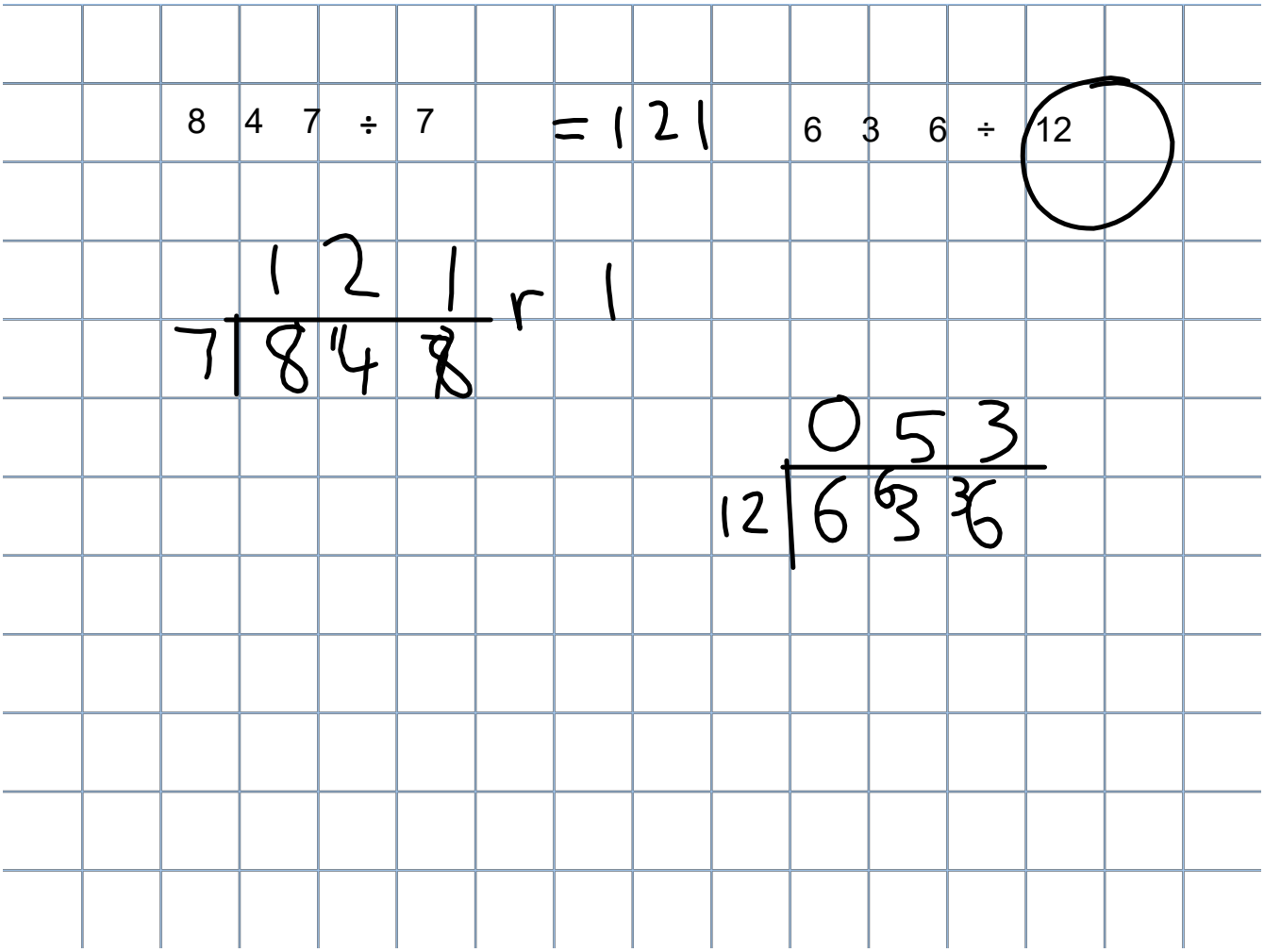
	Th	H	T	U
	4	5	9	2
+	2	6	7	9
	7	2	7	1

9, 5 0 5 - 4, 6 7 6 =

	th	H	T	U
	8	9	4	9
−		4,	6	7
		4,	8	2

	1	1	1
	4,	6	7
+	4,	8	2
	9	5	0


6 3 2 X 7 = 4,424
2 1
632
X 7
4,424

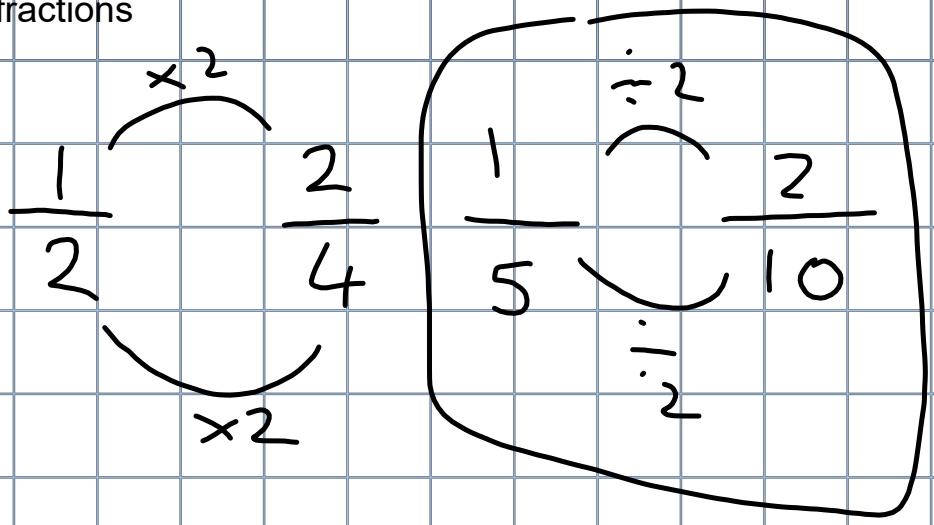

8 4 7 ÷ 7 = 121
6 3 6 ÷ 12
121 r 1
7|848
053
12|636

Adding and subtracting fractions with the same denominator.

$$\frac{2}{9} + \frac{8}{9} = \frac{10}{9} \qquad 1\frac{1}{9}$$

$$\frac{9}{10} - \frac{7}{10} = \frac{2}{10}$$

Equivalent fractions



Fractions of quantities

$\times \frac{2}{3}$ of 30 $\div$ 3 20

Recognising decimal equivalents of fractions

0.5

0.25

$\frac{1}{2}$ $\frac{1}{4}$

$\frac{3}{4}$ 0.75

$\frac{79}{100}$

$\frac{6}{10}$

U t h

0.79

U.t

0.6

Multiplying and dividing by 10 or 100

7.67 × 10

79 × 10

H T U t h

7 6.7

74 ÷ 10

T U.t

7.4

Mental Agility

The Daily 8

1.) 8.3 X 10

2.) How many tens? 3456

3.) 432 - 99 =

4.) What number is halfway between 55 and 93?

5.) 60 X 60 =

6.) 1/10 of 180 =

7.) 761 + ? = 1000

8.) 7:30pm in 24 hour time...

Times Tables - All of them!

$8 \times 9 = 72$

Don't forget division facts as well.

$72 \div 8 = 9$

What resources are out there?

On our website, we have...

http://www.netherthongprimary.co.uk/curriculum-1/maths

How else can you help your child?

- Encourage them to practise their times tables. Time them, make it a competition.
- Give them a mental calculation (46 + 63) and then ask them how they worked it out in their head. Encourage them to discuss their methods with you. Offer them alternatives as well.
- Allow them time to complete their IXL. Sometimes IXL homework may also require a pen and paper to complete written methods, so remind them to have these to hand.
- Ask them what they have learnt in maths in a week. Can they remember the learning objectives and demonstrate what they had to do to achieve the L.O?
- Use questions like 'how do you know?' and 'prove that to me'. It will encourage them to think about maths at a greater depth. Invite them to test if their answer is correct with estimating and inverse operations.

Thank you for taking the time to attend tonight. Apologies for the whirlwind tour of Year 4 maths! Trying to condense a year into 30 minutes is not easy!

Any questions?