Kingsway Community Trust Maths Written Calculations Policy

	Addition	Subtraction	Multiplication	Division
Year 1	Using a number line Counting on in units Within 20	Using a number line Counting back in units Within 20	Arrays 2,5,10	Sharing leading to grouping 2,5,10
Year 2	Using a number line Moving to more efficient steps i.e. counting a ten then units 2 digit numbers within 100	Using a number line Moving to more efficient steps i.e. counting back a ten then units 2 digit numbers within 100	Using a number line Single jumps U x U Teen x U (13 x 2 would be 10 x 2 then 3 x 2)	Using a number line Single jumps Introduce remainders 2,5,10 Up to 10th multiple of 2,5 or 10
Year 3	Using a number line Efficient methods i.e. adding all tens then all units i.e. add 30 then add 4	Using a number line Efficient methods i.e. subtracting all tens then all units i.e. subtract 30 then subtract 4	Using a number line Efficient methods i.e. 23 x 2 would be 10 x 2 then 10 x 2 then 3 x 2. Moving to partitioning i.e. 42 x 5 would be 40 x 5 then 2 x 5 TU x U	Using a number line Chunking 2,5,10,3,4,8 TU÷U Remainders By EOY go up to 30th multiple so that children can subtract groups of 10x ...
Year 4	Expanded vertical column method 4 digits	Expanded vertical column method 4 digits	Grid method TU x U HTU x U	Vertical chunking All tables Remainders as whole numbers HTU÷U
Year 5	Compact vertical method 5 digits	Decomposition 5 digits	Expanded vertical method HTU x TU TU x TU	Short division ThHTU÷U Remainders expressed as decimals
Year 6	Compact vertical method 5 digits and decimals	Decomposition 5 digits and decimals	Long ,multiplication ThHTU x TU	Long division ThHTU÷TU Up to 2 dp.

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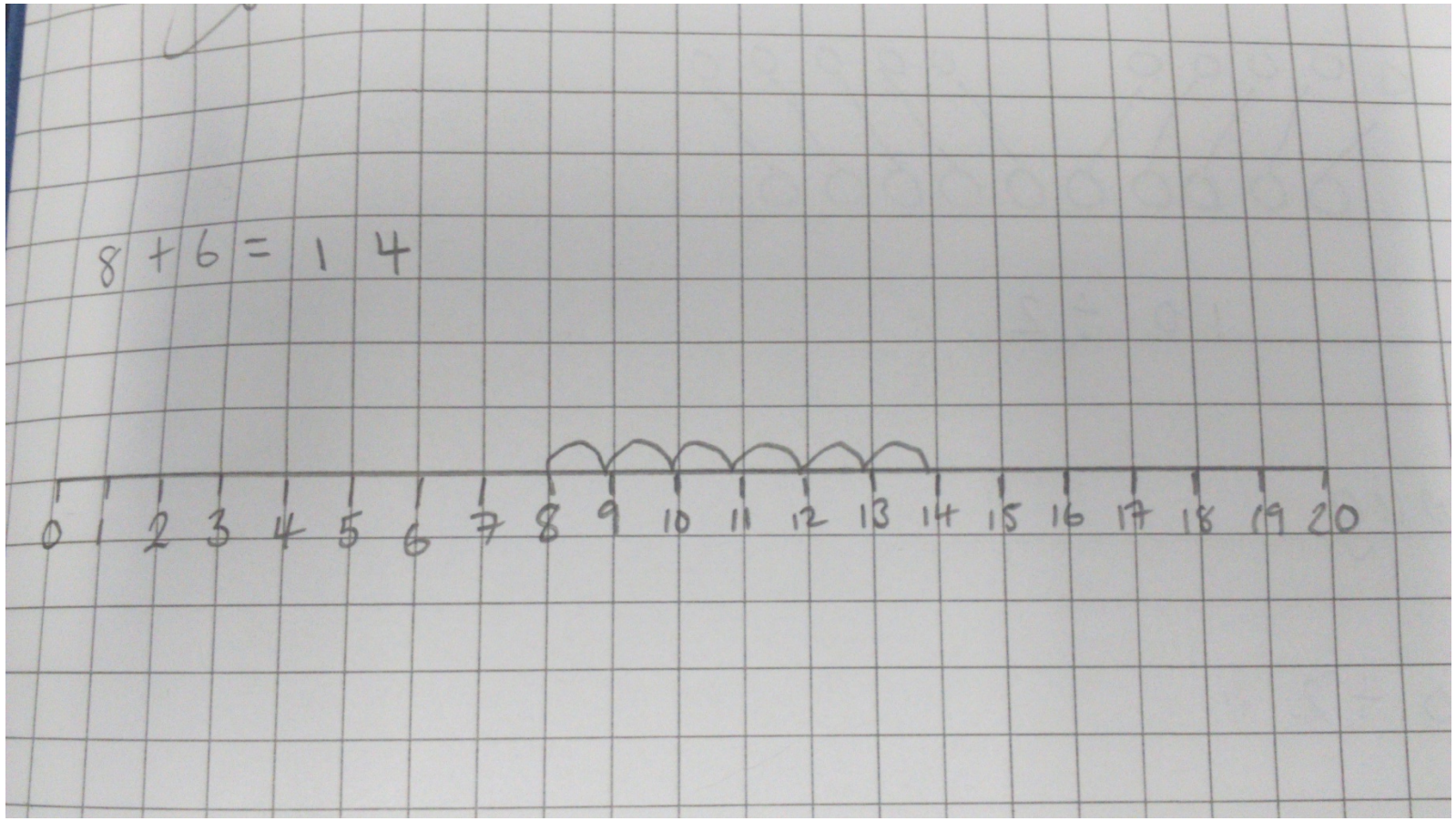
Year 1 addition



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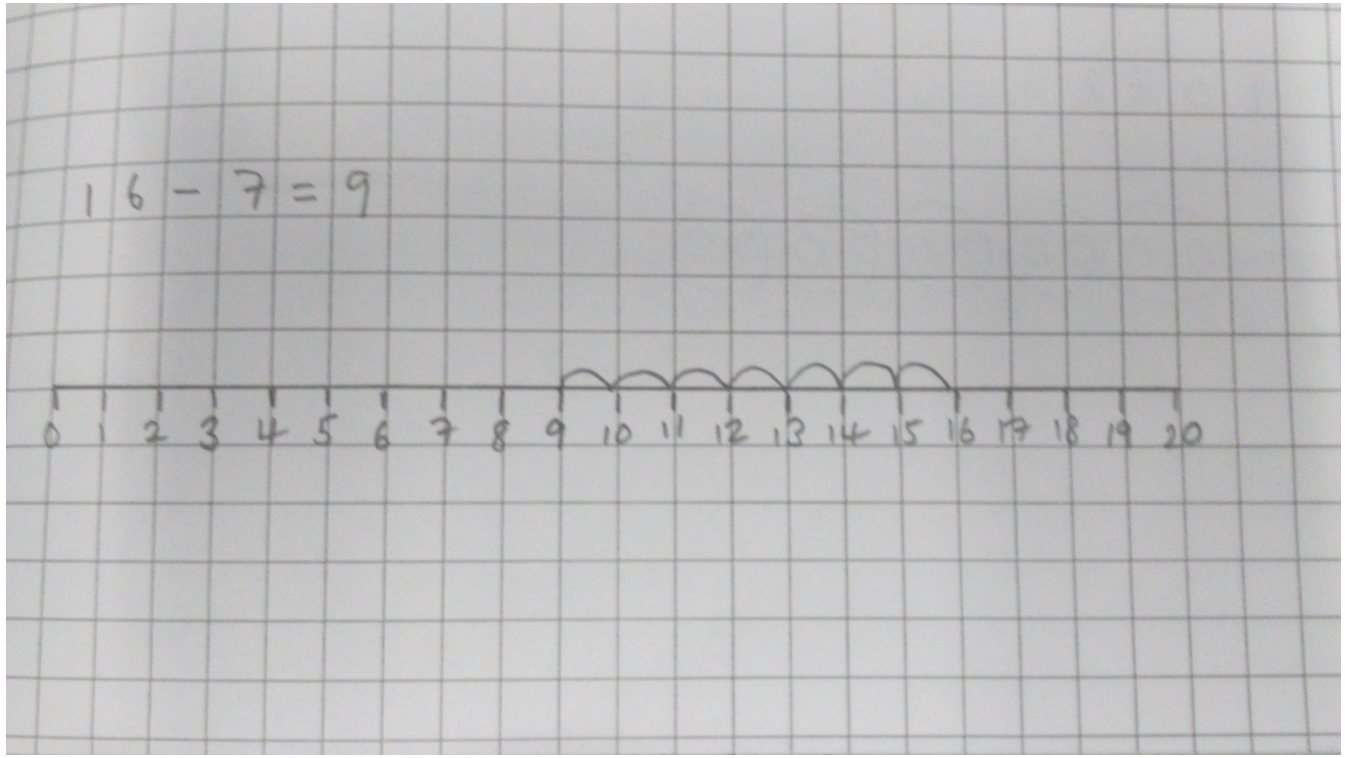
Year 1 subtraction



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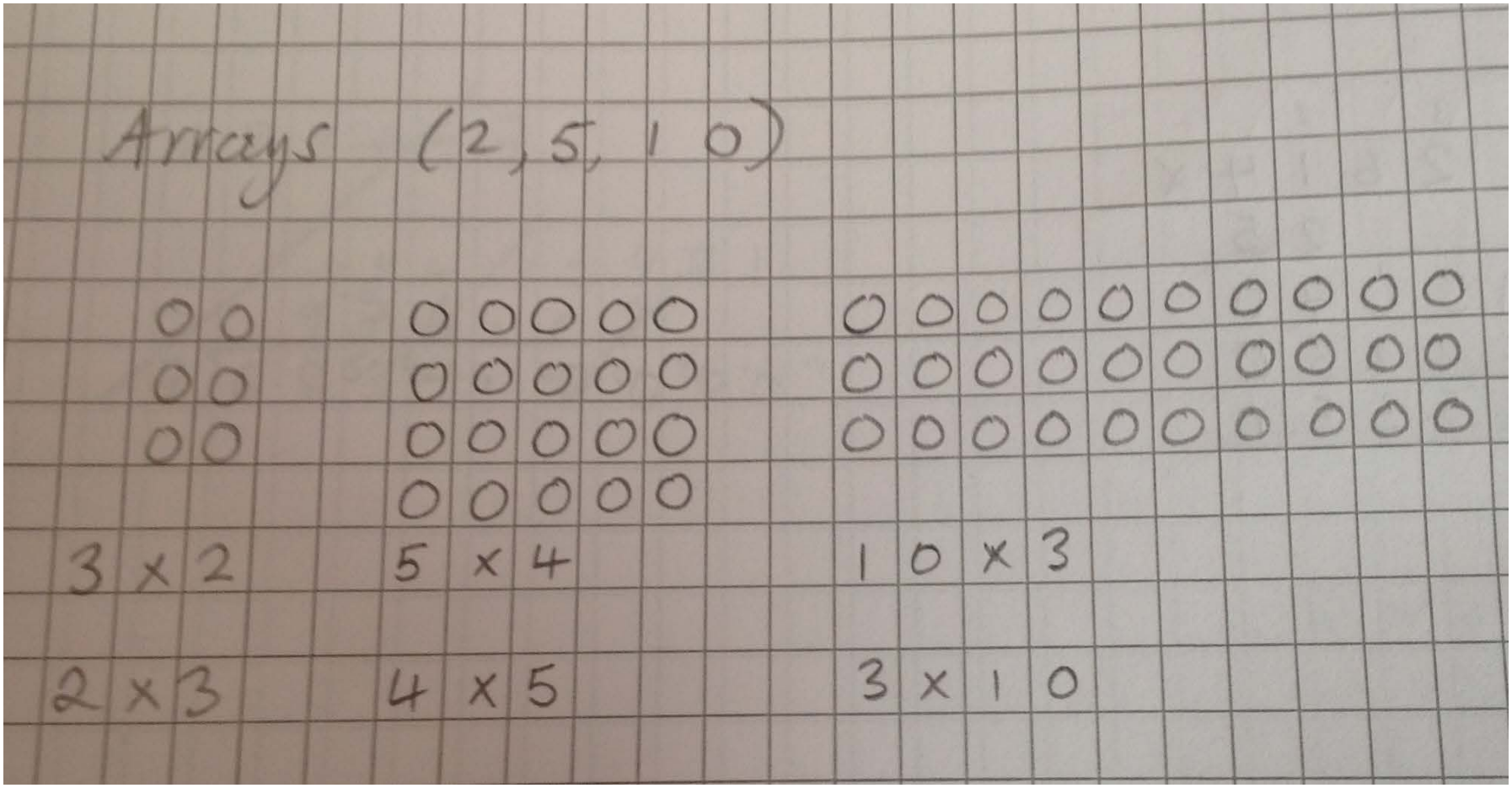
Year 1 multiplication



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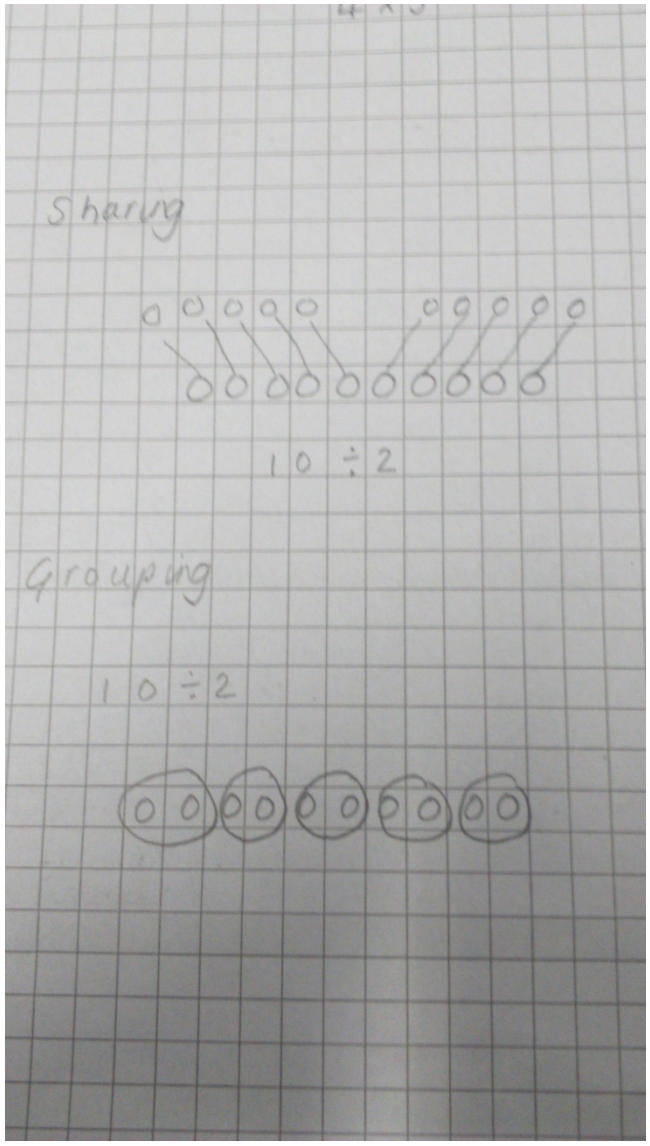
Year 1 division



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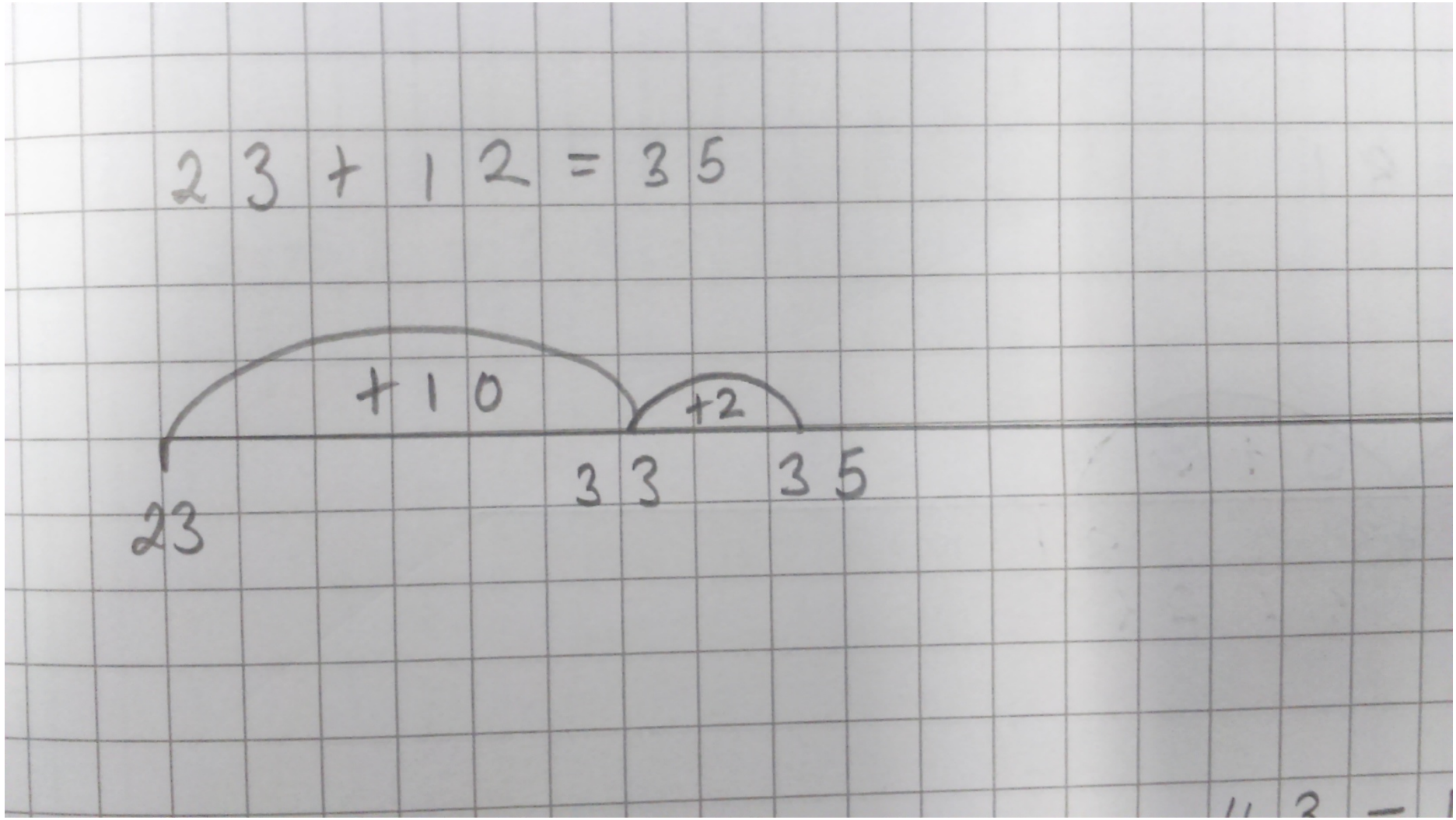
Year 2 addition



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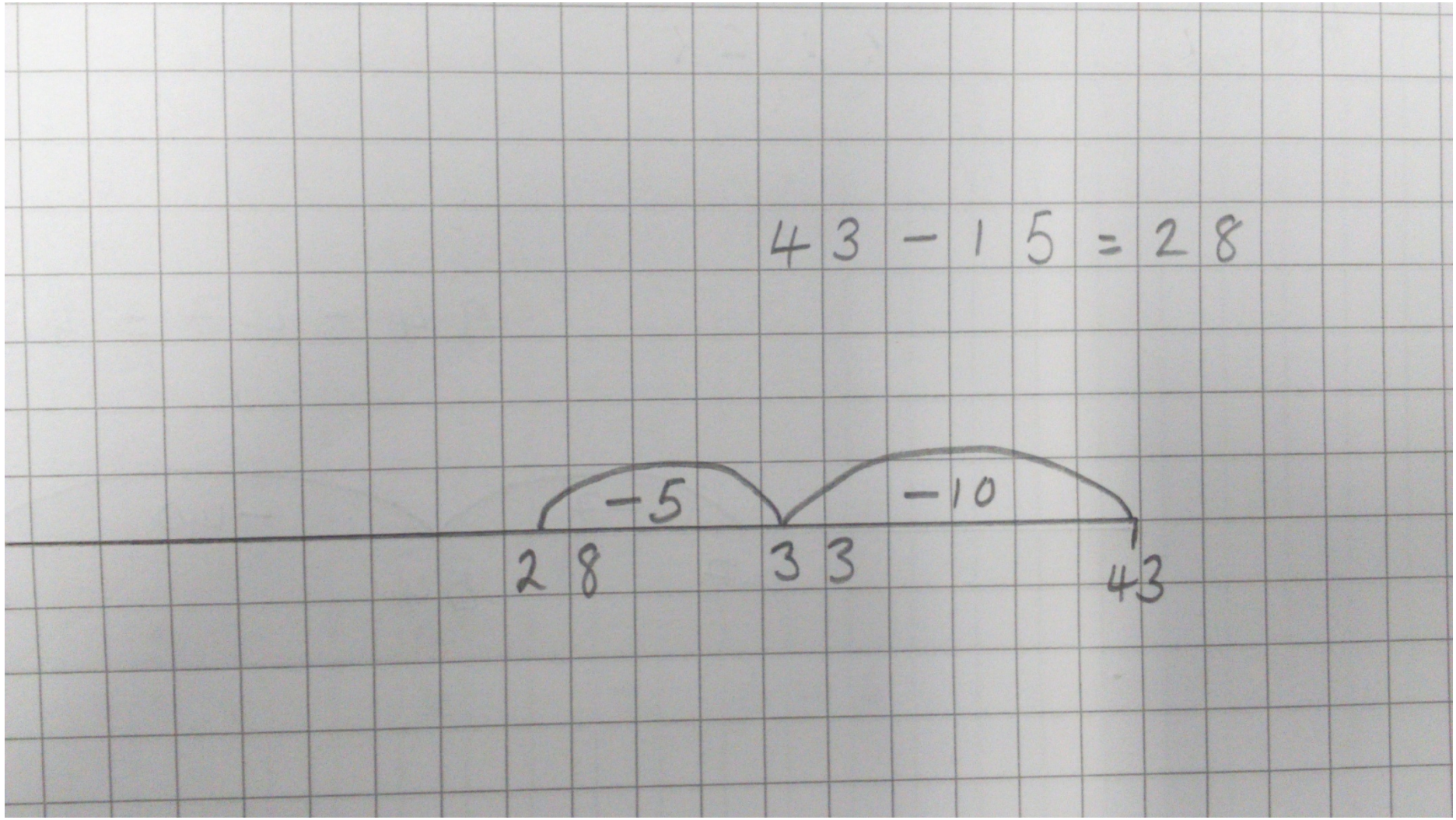
Year 2 subtraction



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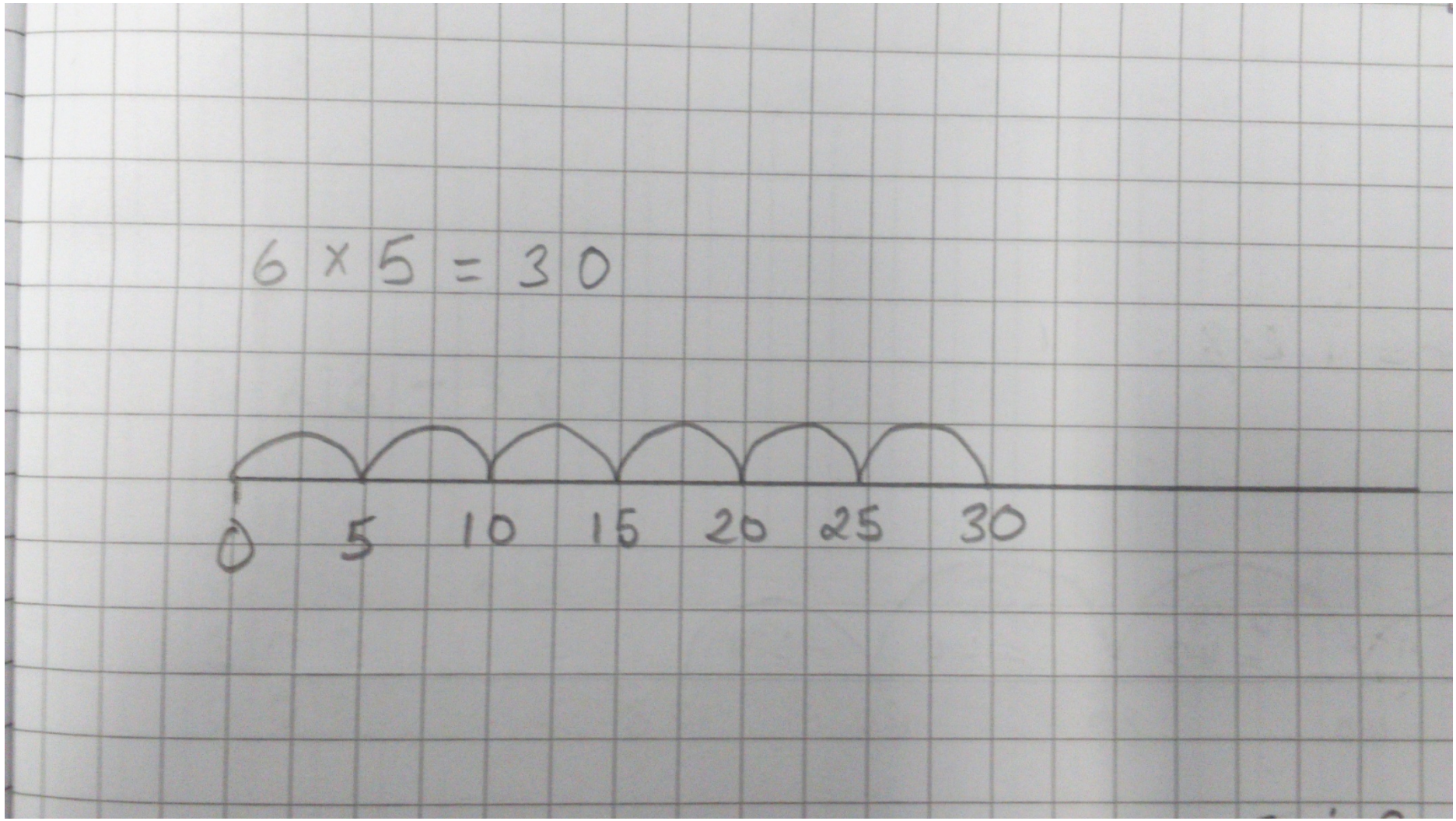
Year 2 multiplication



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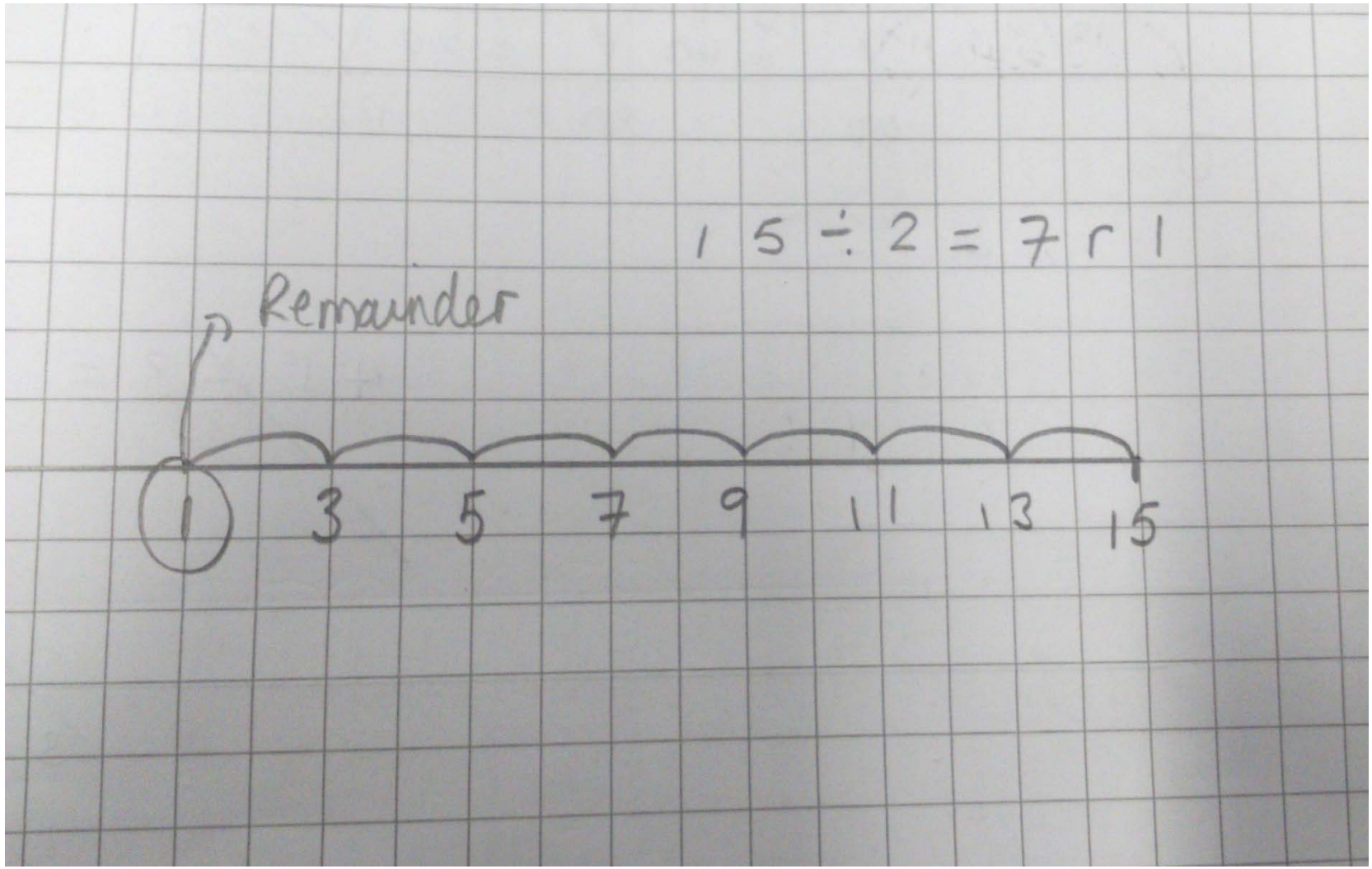
Year 2 division



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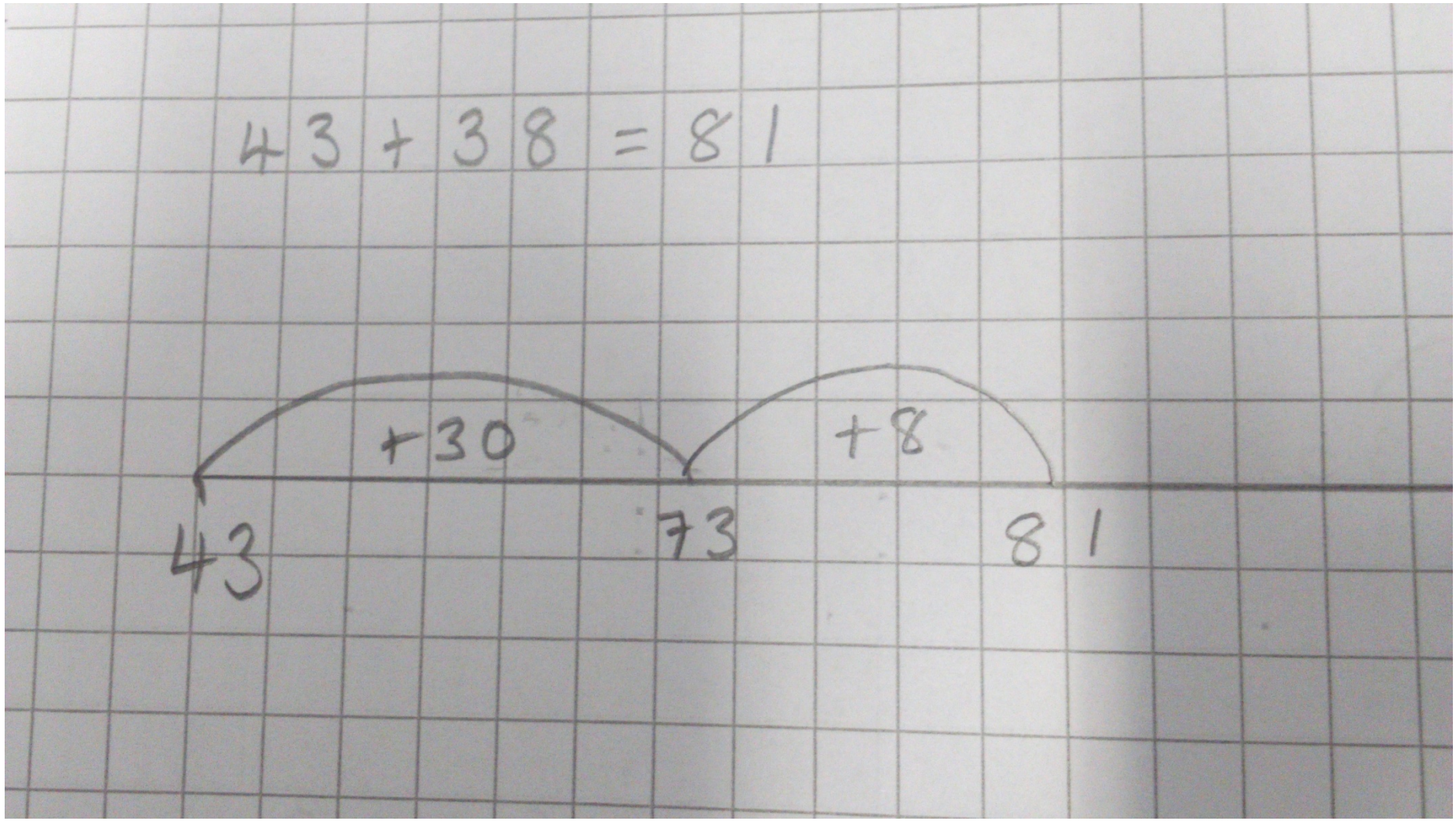
Year 3 addition



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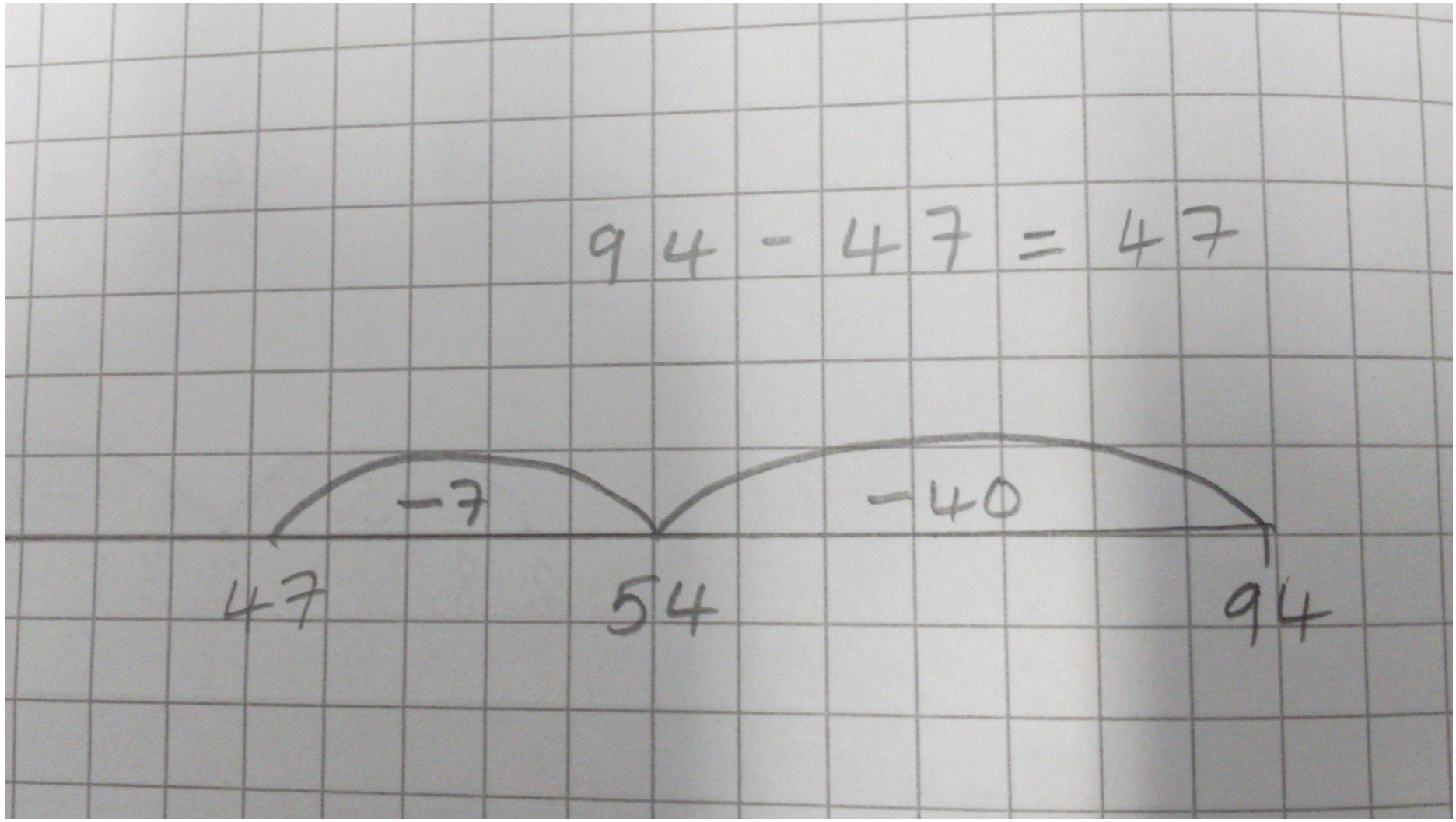
Year 3 subtraction



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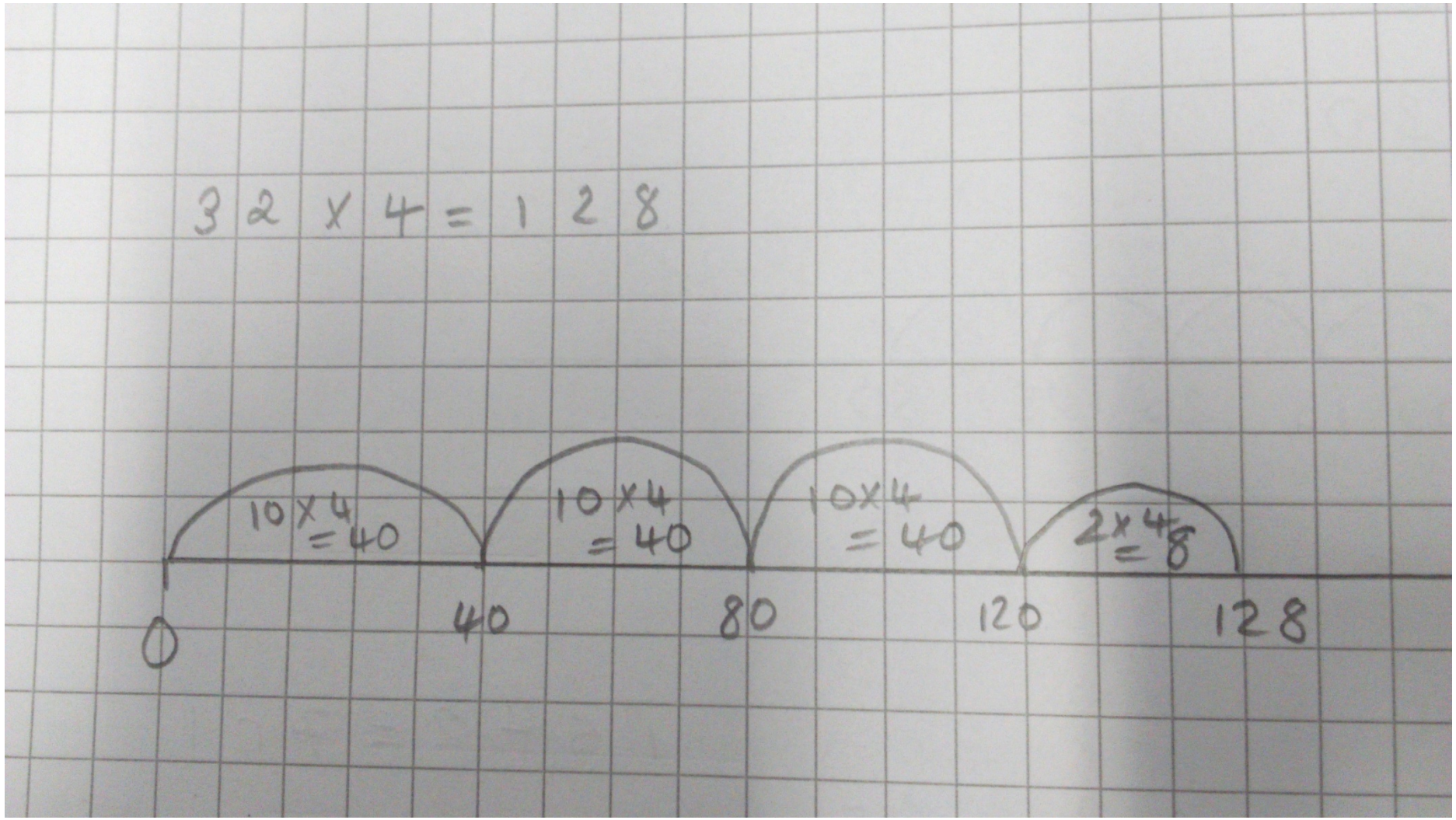
Year 3 multiplication



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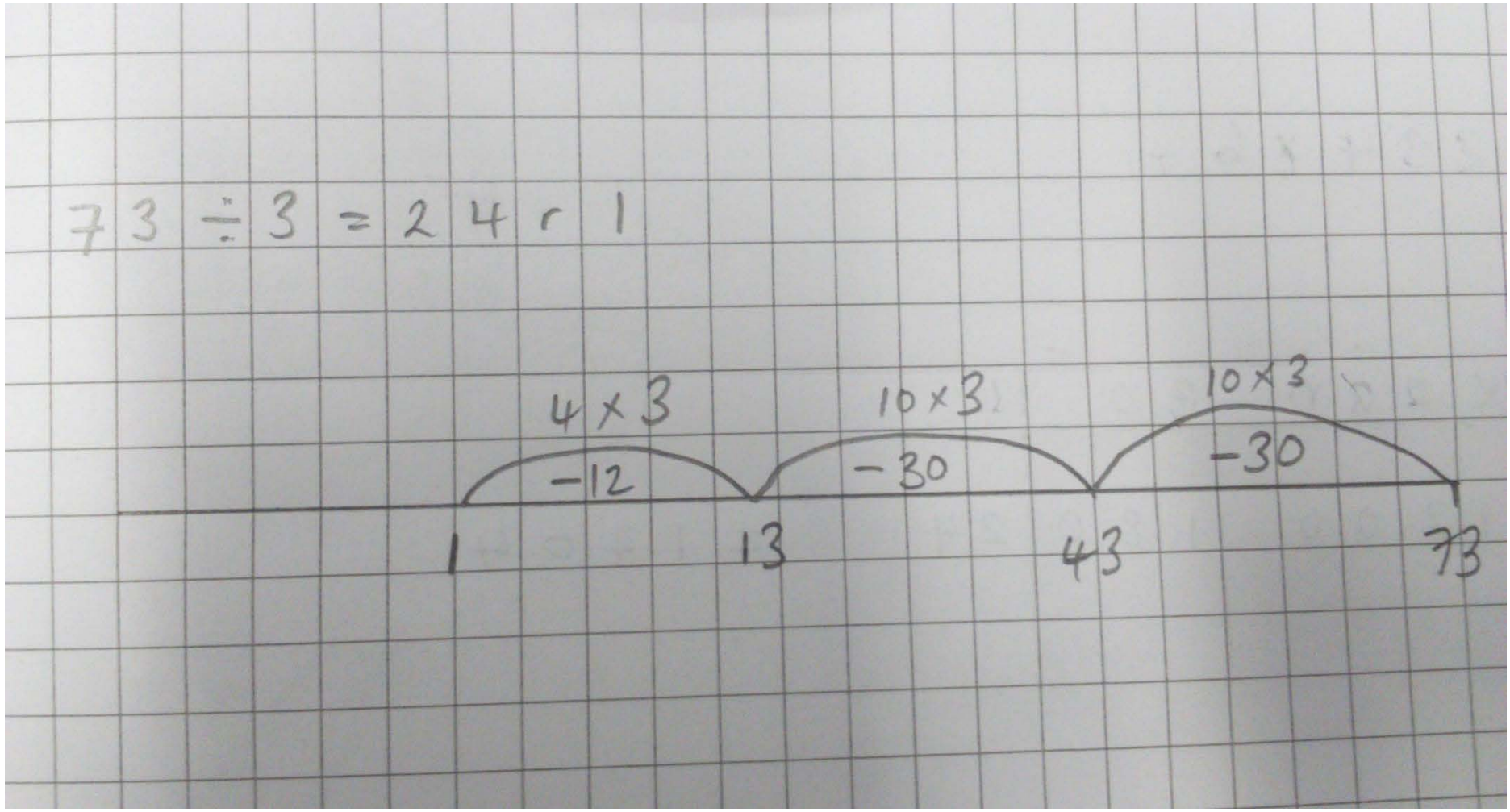
Year 3 division



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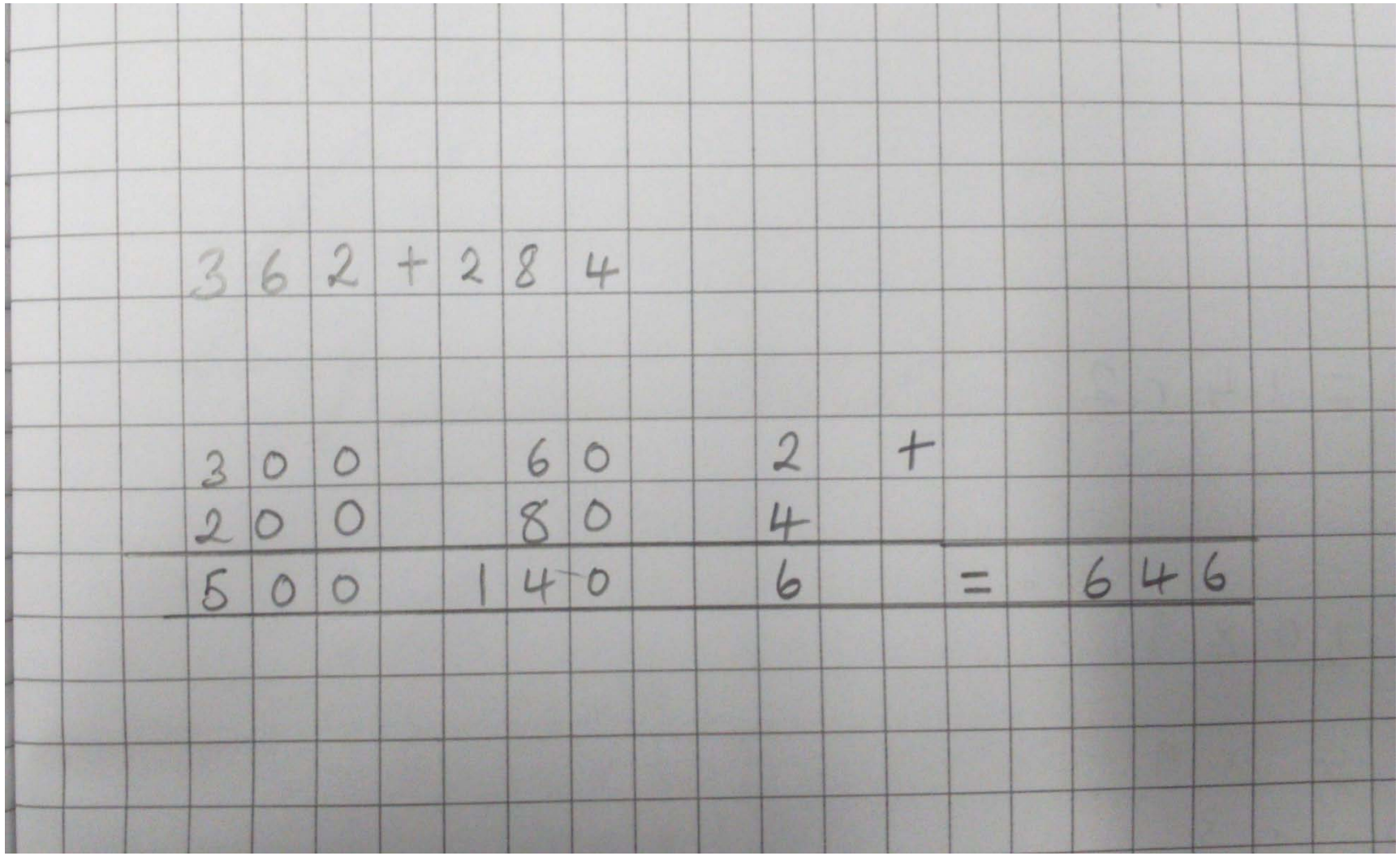
Year 4 addition



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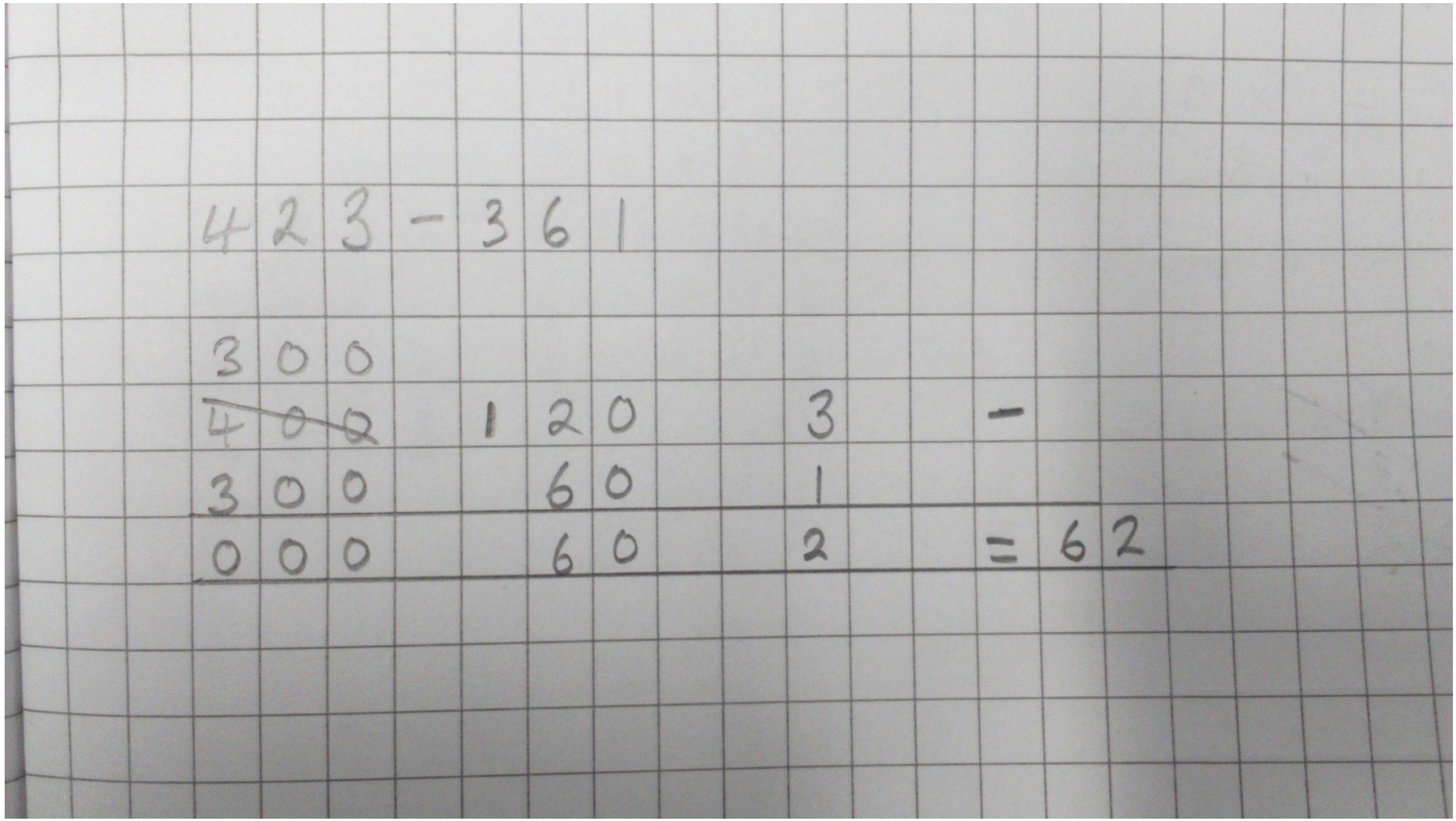
Year 4 subtraction



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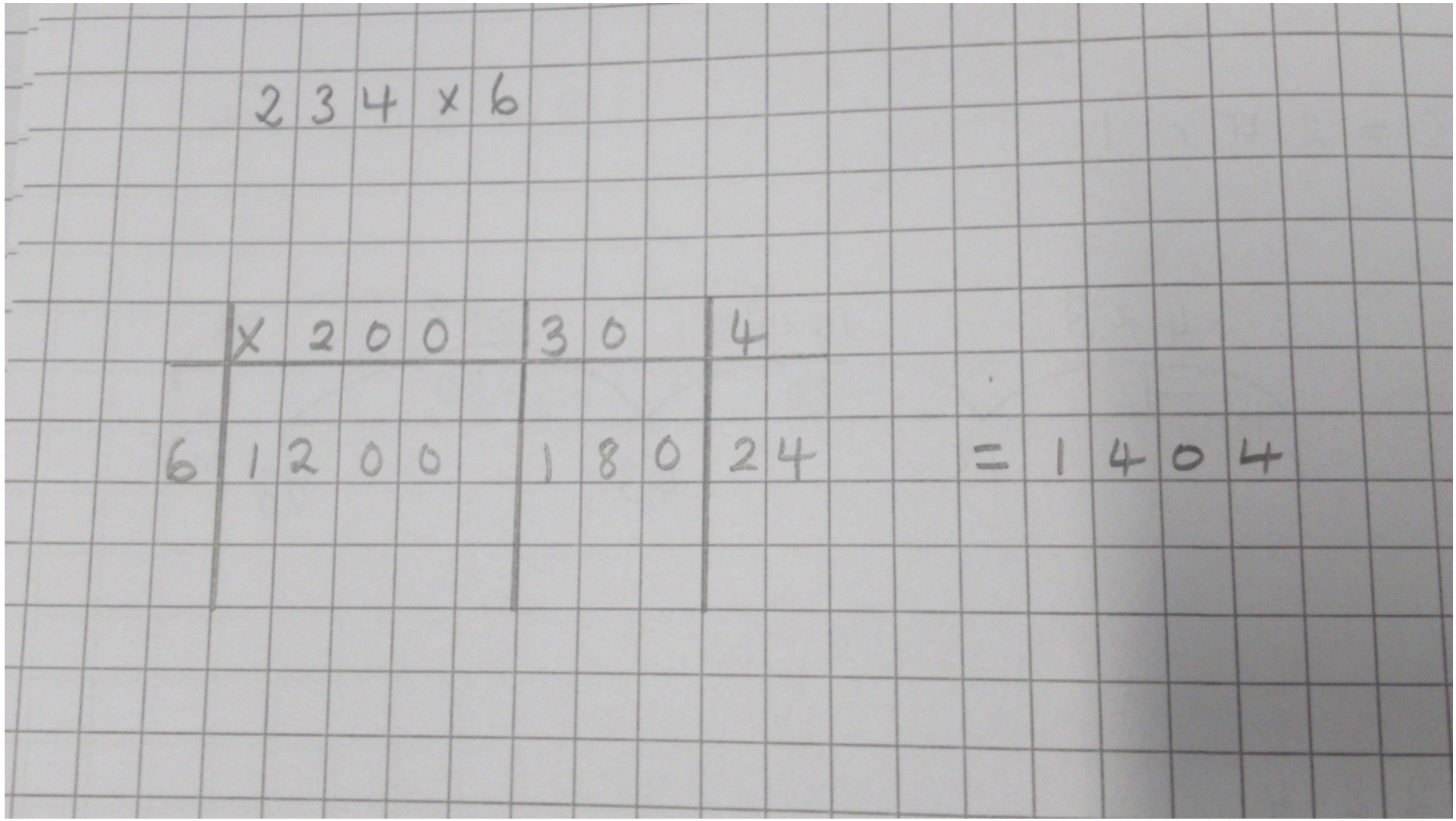
Year 4 multiplication



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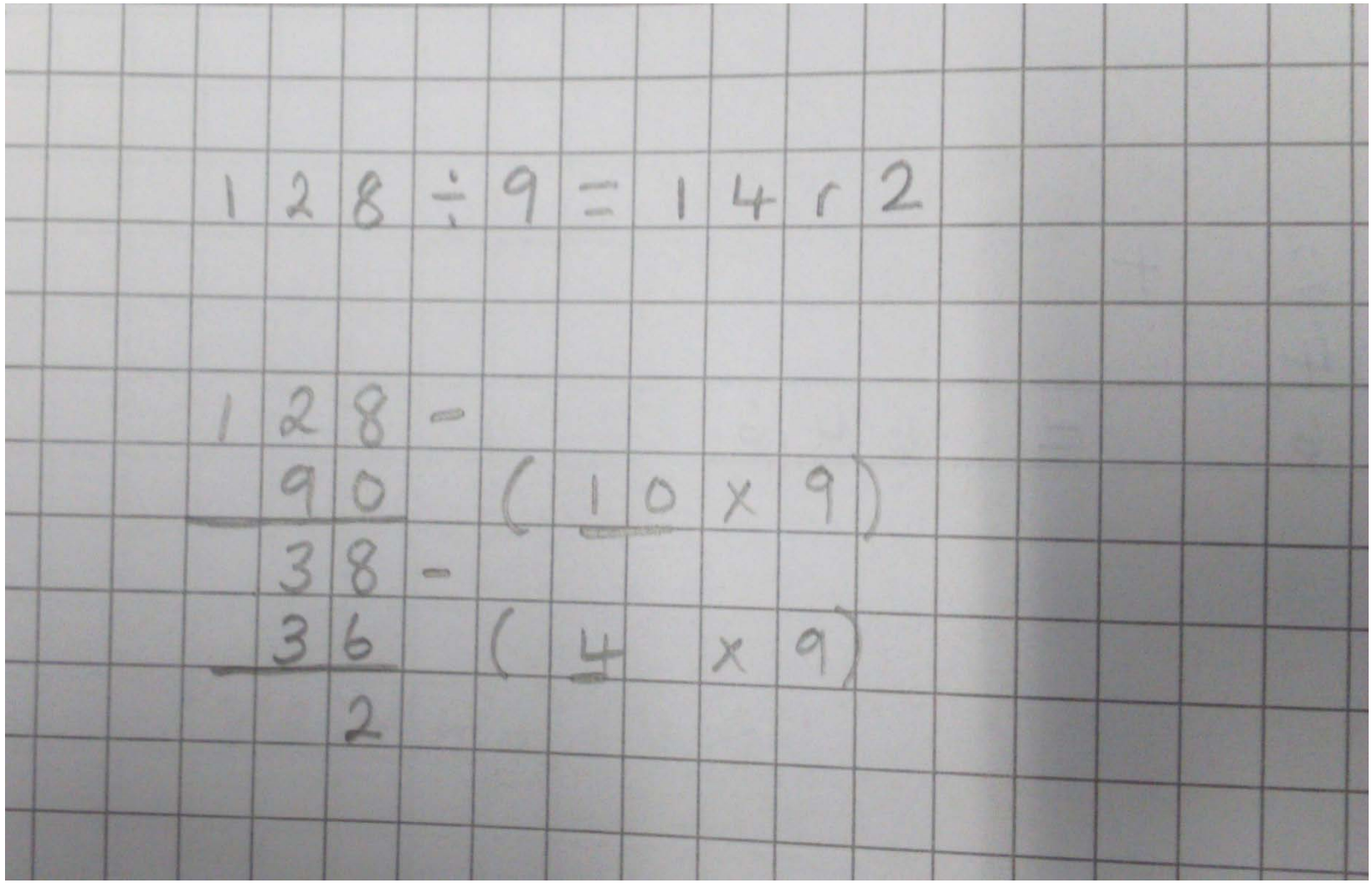
Year 4 division



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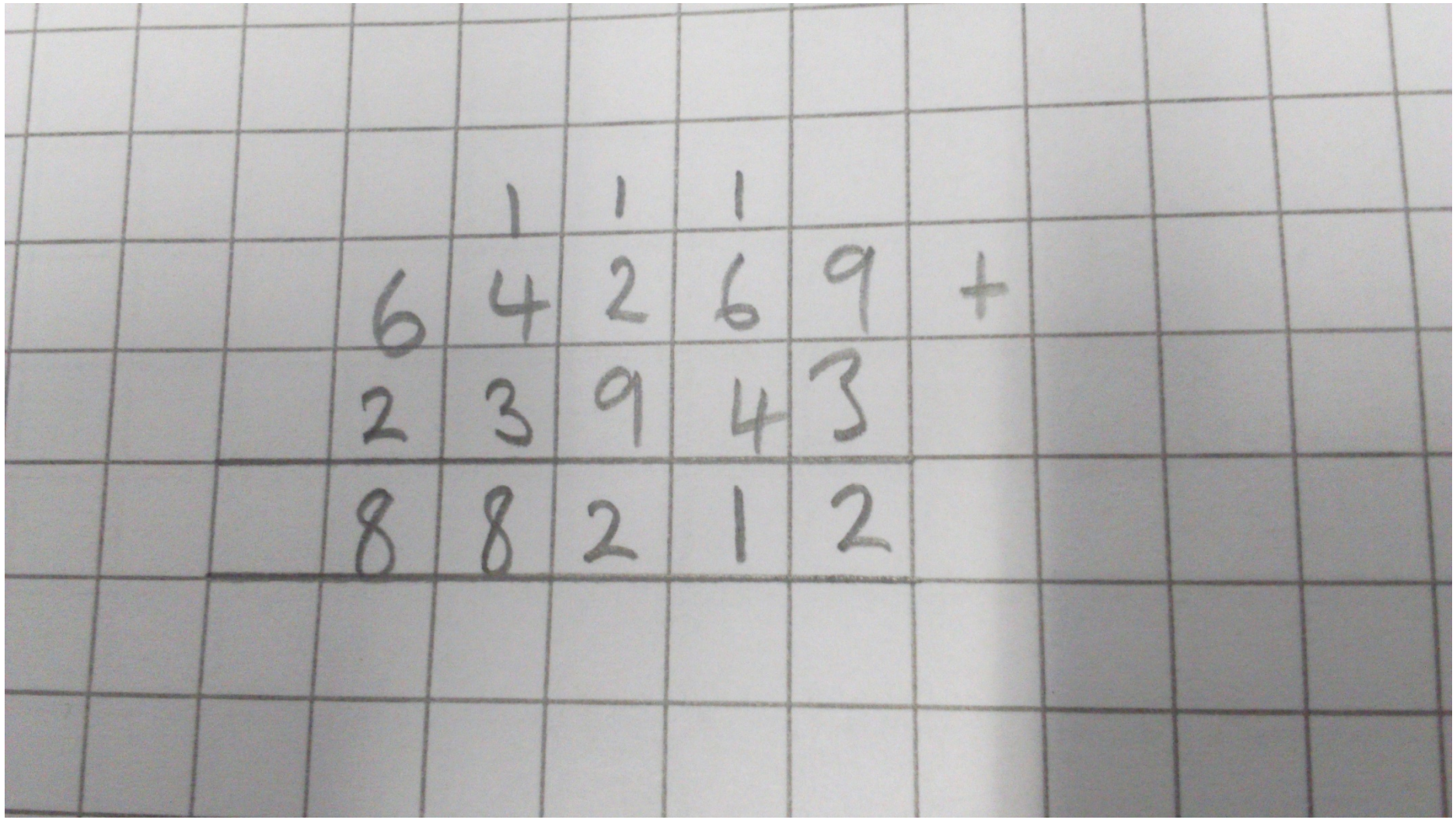
Year 5 addition



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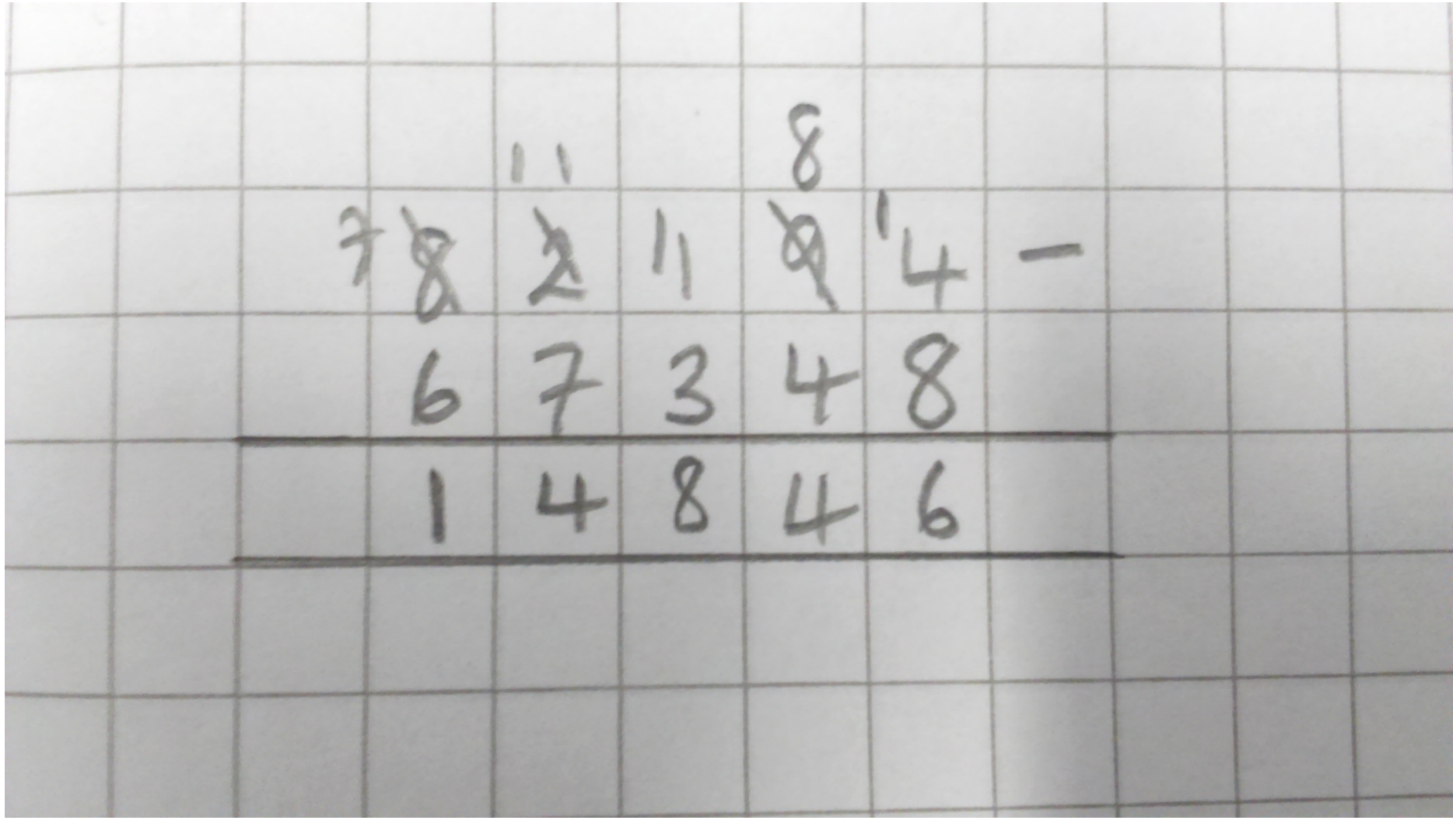
Year 5 subtraction



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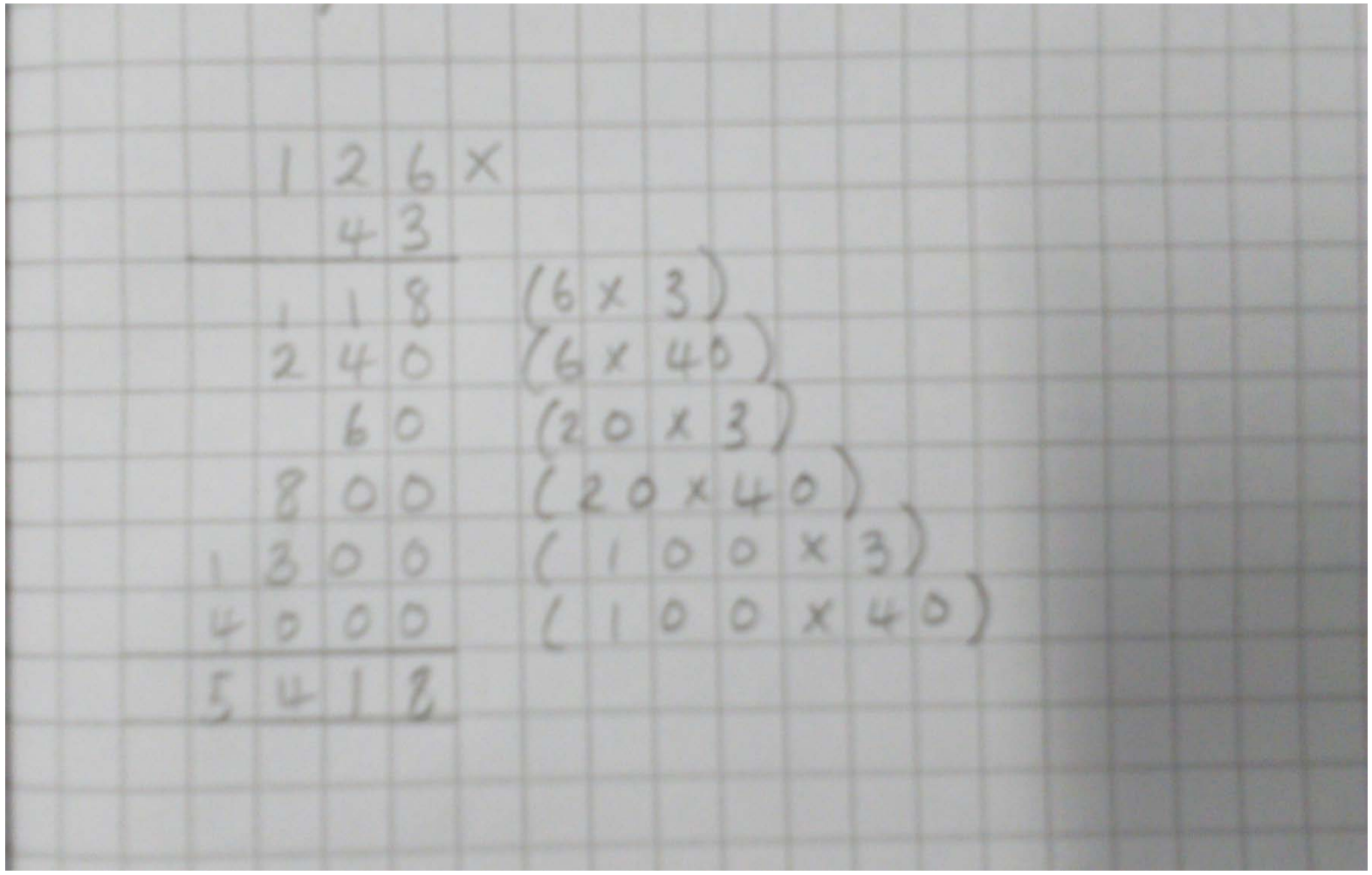
Year 5 multiplication



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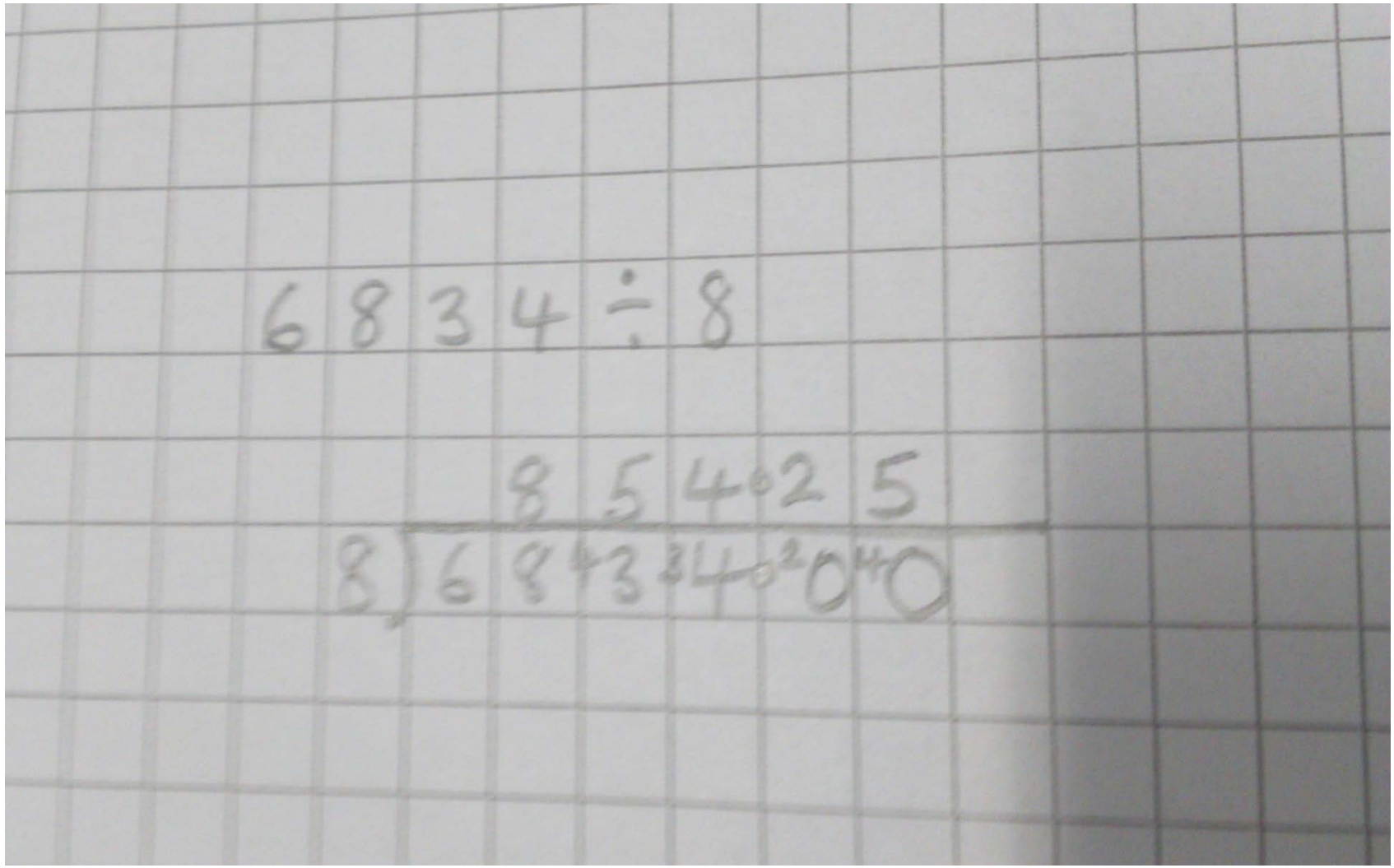
Year 5 division



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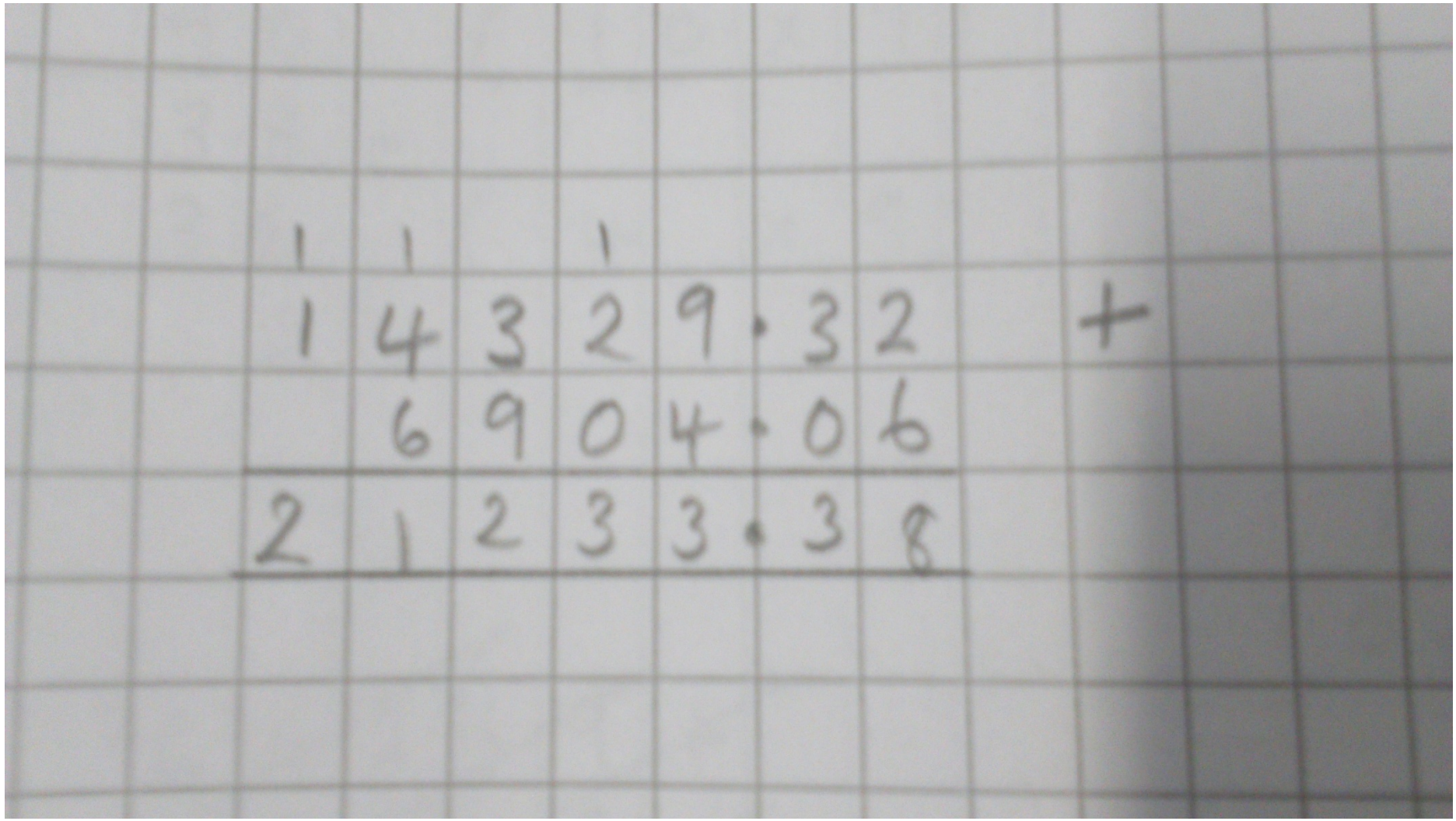
Year 6 addition



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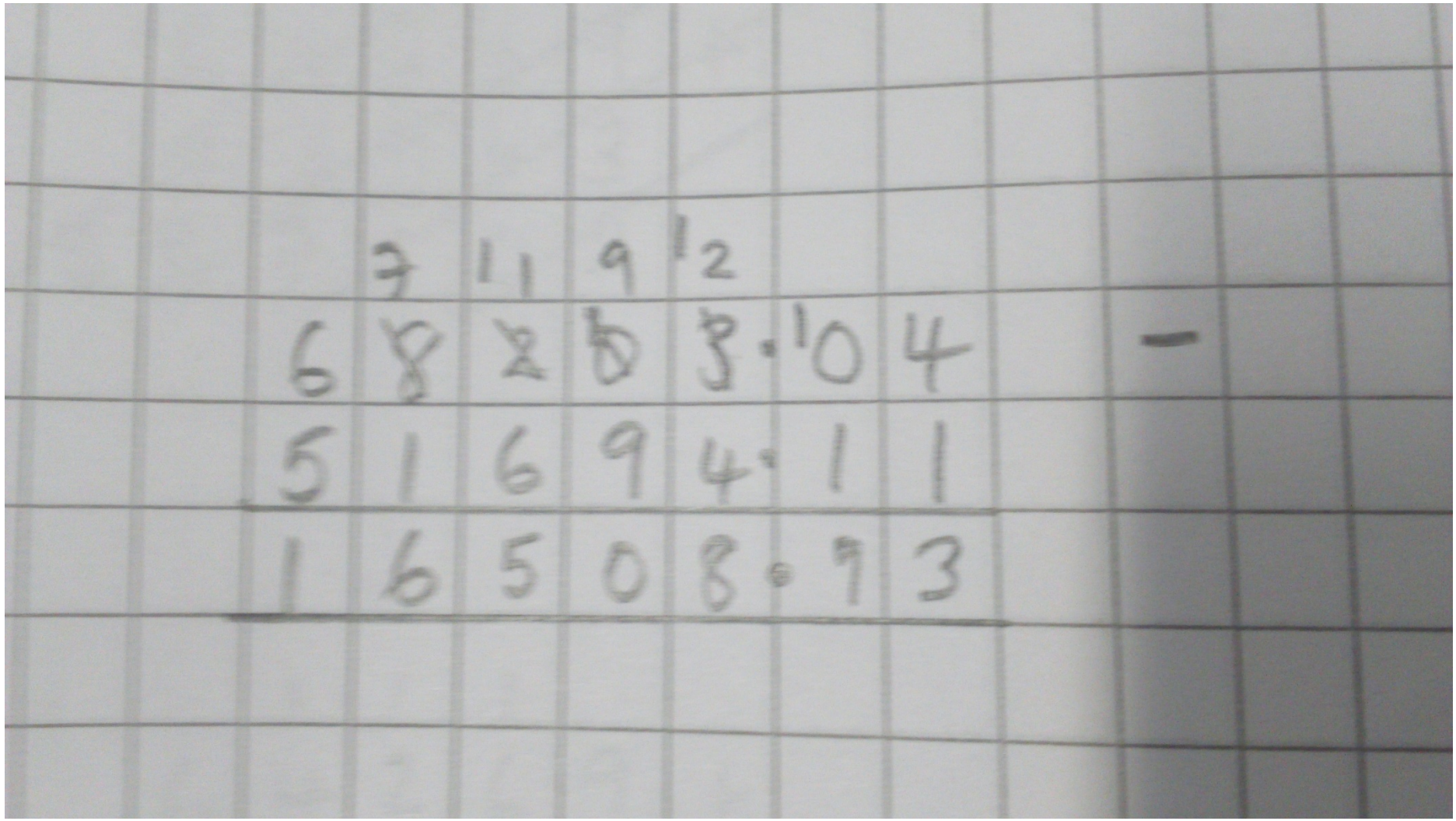
Year 6 subtraction



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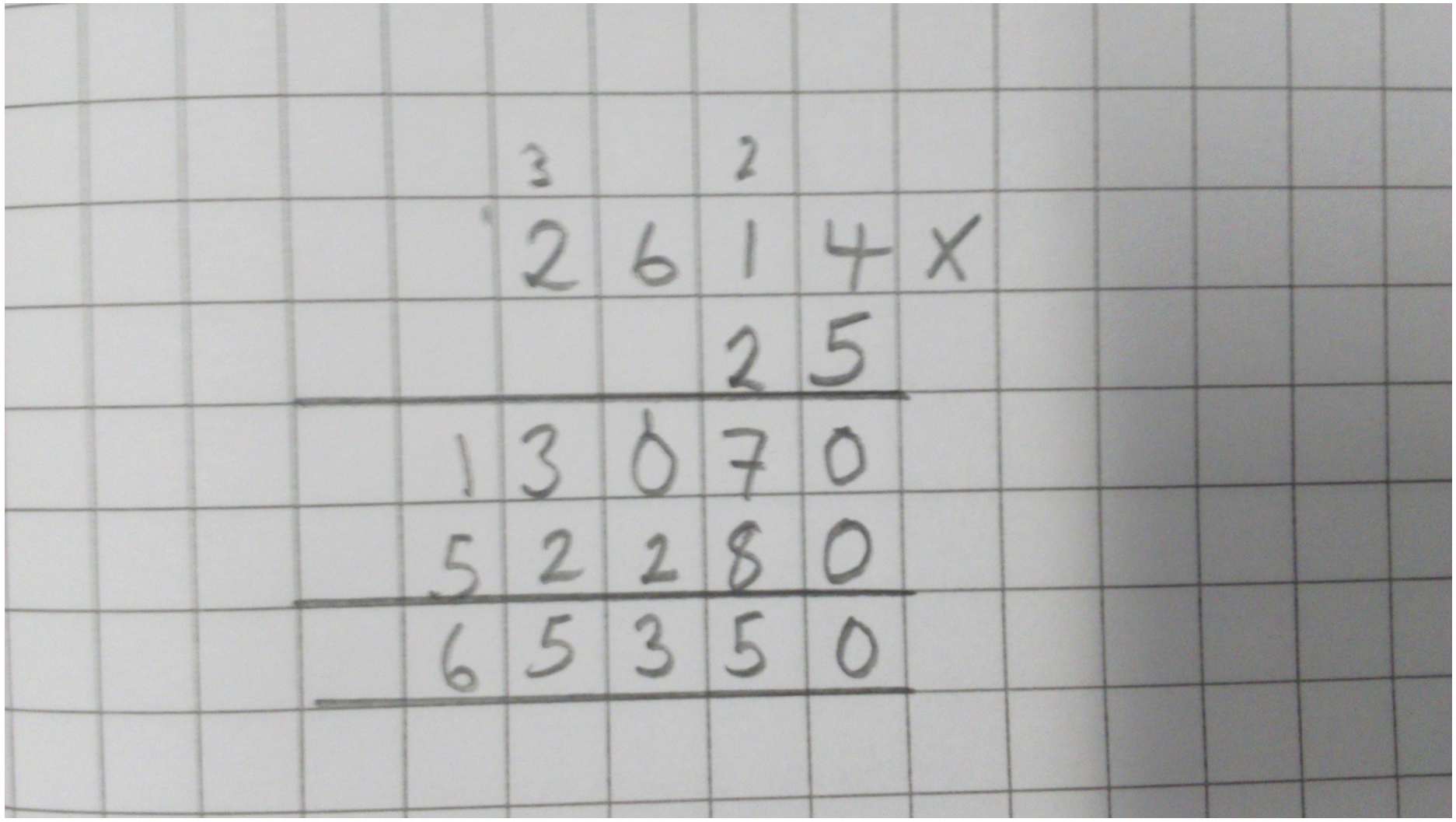
Year 6 multiplication



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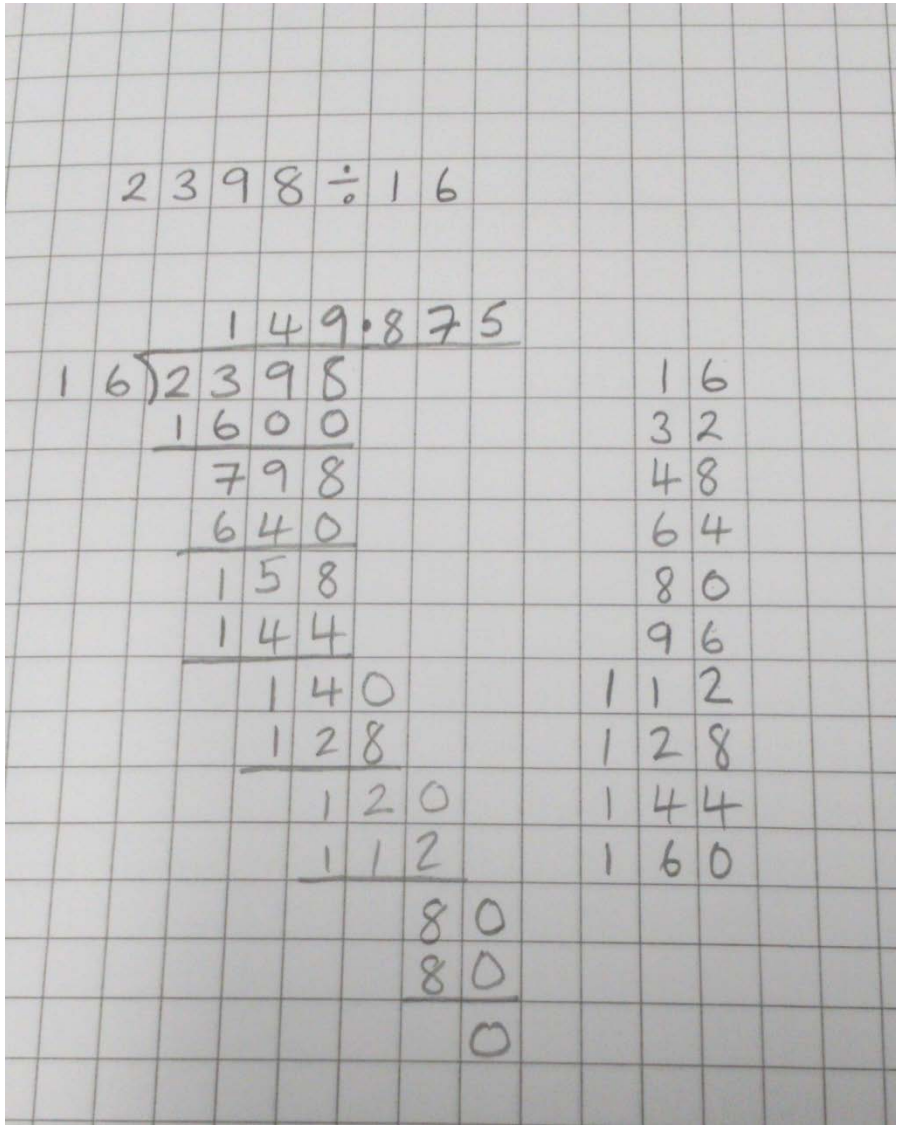
Year 6 division



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