



Year 4

Addition

Compact column addition

Compact column addition with larger numbers.

	Th	H	T	O
	4	6	6	5
+		5	8	2
	5	2	4	7
	1	1		

Fractions

Add like fractions.

$$\frac{3}{8} + \frac{1}{8} + \frac{1}{8} = \frac{5}{8}$$

Subtraction

Compact column subtraction

Compact column subtraction with larger numbers.

	Th	H	T	O
	2	4 ⁹	9 ¹⁰	12
-		2	4	3
	2	2	5	9

Fractions

Subtract like fractions.

$$\frac{3}{8} - \frac{1}{8} = \frac{2}{8}$$



Multiplication

Multiplication facts

Become fluent with 12 x 12 times tables.

9	x	6	=	5	4
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Column multiplication

Use column multiplication to multiply 3-digit numbers by 1-digit numbers (tens digits written small for carrying).

	H	T	O
		2	3
x			5
	1	1	¹ 5

Division

Short division

Divide 2- and 3-digit numbers by 1-digit numbers, expressing remainders as whole numbers.

	1	2	8	
3	3	8	² 4	

Fractions

Revise bar modelling and use times table facts to find unit and non-unit fractions of amounts within the times-tables.

30				
6	6	6	6	6

$\frac{1}{5}$ of 30 = 6

$\frac{3}{5}$ of 30 = 18



Find equivalent fractions and simplify fractions to their simplest form.

