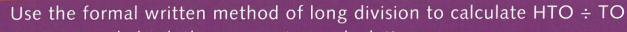
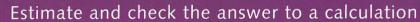
## Division HTO ÷ TO using the formal written method





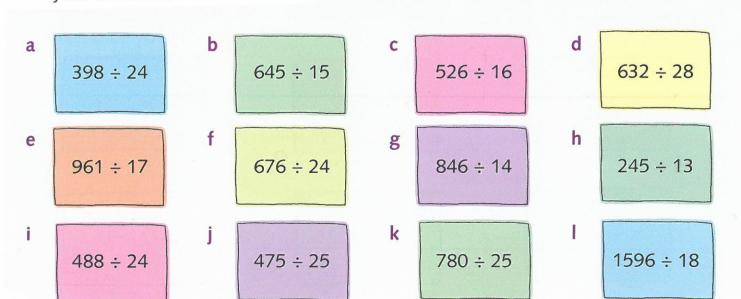


## Work out the answers to these mentally.

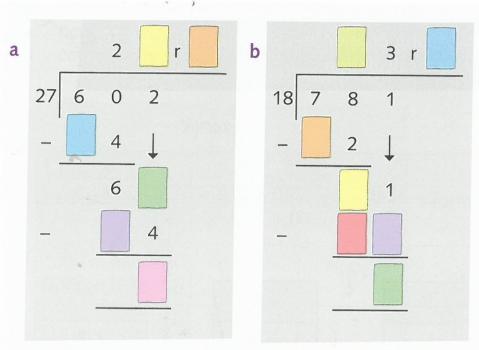
a	150 ÷ 15	2	a 240 ÷ 12	3	a	550 ÷ 11	4 a	640 ÷ 20	
b	360 ÷ 36		<b>b</b> 480 ÷ 24		b	600 ÷ 12	b	390 ÷ 30	
C	620 ÷ 62		c 450 ÷ 15		C	560 ÷ 14	С	450 ÷ 50	
d	240 ÷ 24		<b>d</b> 360 ÷ 18		d	840 ÷ 12	d	810 ÷ 90	
e	310 ÷ 31		<b>e</b> 390 ÷ 13		е	340 ÷ 17	е	540 ÷ 60	

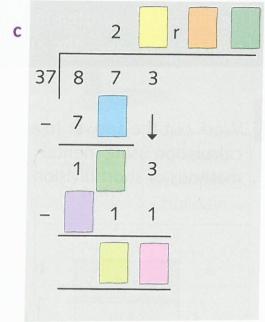
1 For each division calculation write your estimate, then use the formal written method to work out the answer. Record any remainders as a fraction in its simplest form. Be sure to compare your answer with your estimate.

## Example $644 \div 14 \rightarrow 600 \div 10 = 60 \text{ or } 600 \div 15 = 40$



2 Copy and complete these division calculations, writing in the missing digits.





Find the answer to each of these problems.

a There are 792 books. The same number of books is placed onto 18 different shelves. How many books are placed onto each shelf?

**b** A carton contains 672 pencils altogether. The pencils are in boxes of 12. How many boxes of pencils are there in the carton?

c 770 packed lunches are shared equally between 35 classes. How many children, in each class receive a packed lunch?

d 912 playground items are shared equally among 24 classes. How many items does each class receive?