Name: _____ Date: _____

Division HTO ÷ O with a remainder

Use the formal written method of short division to calculate HTO ÷ O

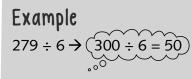**Challenge 1**

Find the multiple of 8 that comes before these numbers.

Example $14 \rightarrow 8$
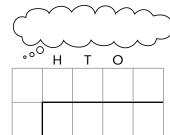
58 → ☐   35 → ☐   41 → ☐   77 → ☐   65 → ☐

Challenge 2

For each division calculation write your estimate, then use the formal written method to work out the answer. Record any remainders.
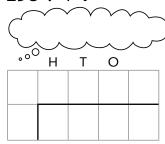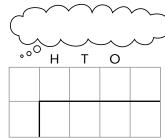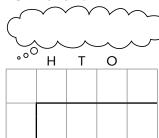
Example

$279 \div 6 \rightarrow$ ($300 \div 6 = 50$)

	H	T	O	
		4	6	r 3
6	2	7	9³	

a $365 \div 5 \rightarrow$

H T O

b $298 \div 4 \rightarrow$

H T O

c $572 \div 9 \rightarrow$

H T O

d $497 \div 6 \rightarrow$

H T O

e $224 \div 3 \rightarrow$

H T O

f $398 \div 7 \rightarrow$

H T O

Challenge 3

Three of these calculations have a remainder and three do not. Can you find them without doing any written working out? Sort them into two sets.

No remainder	Remainder

a $436 \div 5$ **b** $448 \div 4$ **c** $213 \div 5$

d $285 \div 4$ **e** $164 \div 4$ **f** $641 \div 8$

Explain to an adult how you worked out the answers to Challenge 3. On the back of this sheet work out the answers with an adult to see if your thinking strategy was correct.