

Tuesday

Yellow/ Green : To use short division to divide
3-digit numbers

$$186 \div 6 = \begin{array}{r} 031 \\ 6 \overline{) 186} \\ \underline{18} \\ 06 \\ \underline{06} \\ 00 \end{array}$$

no groups of 6
can be made

$1 \times 6 = 6$

$3 \times 6 = 18$

1. $366 \div 6 =$

6. $469 \div 7 =$

2. $427 \div 7 =$

7. $576 \div 6 =$

3. $546 \div 6 =$

8. $371 \div 7 =$

4. $735 \div 7 =$

9. $438 \div 6 =$

5. $672 \div 6 =$

10. $532 \div 7 =$

Extension 1: To explain mistakes in calculations using short division

Jamie is using short division to divide 3-digit numbers.

He has done these calculations but he isn't sure if they are right. You need to check them for him.

You will need to fully explain any mistakes you find so Jamie can know what he will need to do next time.

	H	T	O
	0	7	3
6	378		
	3 ³	7 ¹	8

$$378 \div 6 = 73$$

	H	T	O
	1	1	
5	505		
	5	0	5

$$505 \div 5 = 11$$

	H	T	O
	1	6	8
4	672		
	6 ²	7 ³	2

$$672 \div 4 = 168$$

	H	T	O
	2	7	9
3	738		
	7 ²	3 ²	8

$$738 \div 3 = 279$$

Key Vocabulary: hundreds, tens, ones, column, groups of, exchanged, place value, place holder, quotient