<u>Y5 – Spring – Block 1 – Step 9 – Divide with remainders Answers</u>

Question	Answer
1	There are 3 groups of 3 hundreds. There is 1 group of 3 tens. There are 2 groups of 3 ones. There are 2 ones left over. $3,938 \div 3 = 1,312$ remainder 2
2	$8,407 \div 4 = 2,101$ remainder 3
3	a) $\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	Remainder of 1 Remainder of 2 Remainder of 3 Remainder of 4
4	9,513 \div 4 5,066 \div 4 6,563 \div 4 6,562 \div 4 9,515 \div 4 1,234 \div 4 6
	The column for a remainder of 4 is empty. This is because when dividing by 4 the greatest possible remainder is 3
5	Yes All numbers ending in 0 or 5 can be divided exactly by 5. So any number that is 1 more than a number ending in 0 or 5 will have a remainder of 1 when divided by 5
6	a) 3 b) 135
7	There are six possible ways: $345 \div 2$ $435 \div 2$ $453 \div 2$ $543 \div 2$ $253 \div 4$ $325 \div 4$ They are all divided by 2 or 4 None of the divisions by 5 or 3 have a remainder of 1