

1 a. 2 ; 1 ; 1 b. 3 ; 2 ; 2 c. 4 ; 3 ; 3

2 a. 24 b. 93 c. 218 d. 801

3 a.

	7	3	2		
-	6	↓	3	6	
	1	3			
-	1	2			
	0	1			

b.

	9	5	4		
-	8	↓	2	3	
	1	5			
-	1	2			
	0	3			

4 a. $73 = (2 \times 36) + 1$
 b. $797 = (3 \times 265) + 2$
 c. $434 = (4 \times 108) + 2$

d. $841 = (8 \times 105) + 1$
 e. $704 = (6 \times 117) + 2$

5 a.

	8	5	7	9	
-	8	1	↓	9	5
	0	4	7		
-	4	5			
	0	2			

b.

	3	8	0	2	8		
-	3	2	↓		4	7	5
	0	6	0				
-	5	6	↓				
		4	2				
-	4	0					
	0	2					

6 a. $82 = (3 \times 27) + 1$
 b. $804 = (7 \times 114) + 6$

c. $543 = (7 \times 77) + 4$
 d. $4\,686 = (5 \times 937) + 1$