

## 19 Chaos at Medic-Aid

- 1 (a) 9 sets, 1 crutch left over  
 (b) 7 sets, 2 slings left over  
 (c) 8 sets, 3 sticks left over  
 (d) 9 sets, 4 splints left over
  
- 2 (a) 6 (b) 6 r 1 (c) 6 r 1 (d) 9 r 2 (e) 8 r 1  
 (f) 6 r 2 (g) 4 r 3 (h) 7 r 2 (i) 10 r 1 (j) 7 r 1  
 (k) 5 r 4 (l) 10 r 1 (m) 9 (n) 9 r 3 (o) 5 r 2  
 (p) 8 (q) 7 (r) 10 (s) 5 (t) 9
  
- 3 (a) 6, 3, 2, 1 (b) 10, 5, 2, 1 (c) 12, 6, 4, 3, 2, 1  
 (d) 16, 8, 4, 2, 1 (e) 21, 7, 3, 1 (f) 18, 9, 6, 3, 2, 1  
 (g) 27, 9, 3, 1 (h) 25, 5, 1 (i) 7, 1  
 (j) 40, 20, 10, 8, 5, 4, 2, 1
  
- 4 Because 8 cannot be divided exactly by 3.  
 There is a remainder of 2.
  
- 5 2, 8, 1, 4, 12, 6, 3, 24 are all factors of 24.
  
- 6 100, 50, 25, 20, 10, 5, 4, 2, 1