

## Sine Rule Solutions

1.
  - (i)  $a = 8.85$
  - (ii)  $b = 14.12$
  - (iii)  $c = 114.72$
  - (iv)  $d = 4.12$
  - (v)  $e = 37.61$
  - (vi)  $f = 7.96$
  - (vii)  $g = 7.93$
  - (viii)  $h = 5.96, i = 6.45$
  
2.
  - (i)  $A = 54^\circ$
  - (ii)  $B = 29^\circ$
  - (iii)  $C = 33^\circ$
  - (iv)  $D = 38^\circ$
  - (v)  $E = 33^\circ, F = 92^\circ$
  - (vi)  $G = 108^\circ$
  - (vii)  $H = 54^\circ$
  - (viii)  $I = 64^\circ$
  
3.
  - (i) 94m
  - (ii) Angle at  $B = 67^\circ$ . Angle at  $A = 26^\circ$ .