Question 3

2010 HSG Mathematics

Band 5/6

Sample 3 Start here for Question Number: 3 24 M.p-(ij 32-1 jii) ZCAB = LNAM common anyla) (A) m ol NM = 2-1 - 2-5 : (A) L AN NM H CB = L A CBGarosponding Lo of Allines Similaly LAMN = LABC equal) ... because to all 3 myles are the same triple ABC is simily to QAMN.

Question 3 2010 HSC Mathematics **Band 5/6** Sample 3 iv) MN y,= 2 m = -1 = 35=, 25 -1(x-2) -1x+2 3y-6 = -x+2x + 3y - 8 = 0 v) d= 1/(y2-y)2 + (x2-x2) 62 + 1 140 = 210 A= 1 bx Lh = 44 vi) 1×250 TO × h= 44 $h = \frac{44}{\sqrt{10}}$ Additional writing space on back page. Office Use Only - Do NOT write anything, or make any marks below this line.

