## **Special Cases**

Parallel Lines: SAME SLOPE
 ex. parallel to y=5x-3 through (1,4)
 x=1 y=4 m=5
 answer: y-4=5(x-1)
Perpendicular Lines: OPPOSITE RECIPROCAL SLOPE
 ex. perp. to y=(5/6)x-7 through (-4,-2)
 x=(-4) y=(-2) m=(-6/5)
 answer: y+2=-6/5(x+4)
Vertical Lines: UNDEFINED SLOPE
 x=x1
 4. Horizontal Lines: ZERO SLOPE
 y=y1

Preview from Notesale.co.uk Page 2 of 2