MEMORANDUM

Name: ..... Class: .....

Date: .....

MARK ____ / 6

Answer all questions. Show all your working — marks are awarded for method as well as the final answer. **Teacher copy: accept any correct equivalent method.**

1 For $y = 3x + 2$, give the gradient and y-intercept. **(2)**

> Gradient 3, y-intercept 2 ✓✓ (2)

2 For $y = -x + 5$, where does it cross the y-axis? **(1)**

> At $(0\ ;\ 5)$ ✓ (1)

3 Find the y-intercept of $y = 4x - 7$. **(1)**

> -7, i.e. the point $(0\ ;\ -7)$ ✓ (1)

4 Find the x-intercept of $y = 2x - 6$. **(2)**

> Set $y = 0$: $2x - 6 = 0 \rightarrow x = 3$ ✓✓ (2)

TOTAL: 6 marks

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