



Show all working – <u>NO</u> Calculator required. 1. Expand and simplify: $(2x - 3)(2x^2 + 5x - 6)$			Marks
			(3)
2. Calculate	the gradient of the line joining	ng each pair of points:	
a) A(3,	-2) & B(-5, 2)	(b) $C(-4, -2) \& D(5, 4)$	
c) Which	h of the 2 lines, AB or CD, sl	lopes UP from left to right?	(5)
3 . Solve eac	h of the following for <i>x</i> :		
a) 3(x –	$5) + x \le 6x + 1$	(b) $\frac{x+2}{4} - \frac{2}{3} = \frac{5}{6}$	(6)
4. Change th	ne subject of the following to	m: $P = \sqrt{\frac{m-2}{3}}$	(3)

5. Kerry buys a new dress in the sales. It had 20% off and cost £96.What was the full price of the dress before the sale?

Total Marks: 20

(3)