

The equation of the normal to the curve  
 $y = 4x^2 + \frac{5-x}{x}$  at  $x = 1$

The equation of the line through (3,1) that is parallel to  $y = 5 - 2x$

$y = 3x + 5$	Curve C has equation $y = f(x)$ and C passes thro' (3,7.5) $f(x) = 2x + \frac{3}{x^2}$ Eqn. of tangent at (-1,3.5) is	$y = x + 4.5$	$2y = x + 5$	The equation of the line passing through the two points (-1,2) and (11,8)	$y + 2x = 7$
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The equation of the tangent to the curve  
 $y = 4x^2 + \frac{5-x}{x}$  at  $x = 1$

$$2y = x - 5$$

The equation of the line through (3, -1) that is perpendicular to $y = 5 - 2x$	$y = -x + 2.5$	Curve C has equation $y = f(x)$ and C passes thro' (3,7.5) $f(x) = 2x + \frac{3}{x^2}$ Eqn. of normal at (-1,3.5) is	$3y = x + 20$	The equation of the normal to: $y = 4x + 3x^{\frac{3}{2}} - 2x^2$ at (4, 8)	$y = x + 7$
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The equation of the tangent to the curve  
 $y = (x-1)(x^2-4)$  at (-1,6)

$$y + 2x = 20$$

$3y + x = 25$	$3y = x - 1$	The equation of the normal to the curve $y = (x-1)(x^2-4)$ at (1,0)	The equation of the tangent to: $y = 4x + 3x^{\frac{3}{2}} - 2x^2$ at (4, 8)	$y + 3x = 20$	The line thro' (10,0) that is perpendicular to the line joining (-1,2) and (11,8)
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