**21** The curve **T** has equation $y = x^3 - 2x^2 - 9x + 15$

(a) Find $\frac{dy}{dx}$

$\frac{dy}{dx} =$ .....

**(2)**

(b) Find the range of values of $x$ for which **T** has a positive gradient.
Give your values correct to 3 significant figures.
Show your working clearly.

.....

**(4)**

**(Total for Question 21 is 6 marks)**

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