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| 29th August |
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| A curve has gradient function <br> $\frac{d y}{d x}=7 x^{2}-4$ <br> Work out the values of $x$ for which the <br> rate of change of $y$ with respect to $x$ is <br> 59 |
| How many odd numbers less than 50,000 <br> can be formed using the digits <br> 34 <br> 5 <br> with no repetition of any digit? <br> Find the values of $a, b$ and $c$ <br> State the range of $f(3 x)$ |
| Find the limiting value of $\frac{5 n^{2}+5}{6 n^{2}-1}$ as <br> $n \rightarrow \infty$ <br> The nth term of a sequence is $\frac{5 n^{2}+5}{6 n^{2}-1}$ |

