## 2nd December

Write down the coordinates of the minimum point on the curve
$y=x^{2}-4 x-20$

| 1 | 4 | 6 | 4 | 1 |
| :---: | :---: | :---: | :---: | :---: |
| $81 x^{4}$ | $27 x^{3}$ | $9 x^{2}$ | $3 x$ | 1 |
| 1 | -2 | 4 | -8 | 16 |
| $8.1 x^{4}-216 x^{3}+216 x^{2}-96 x+16$ |  |  |  |  |

(

