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| **Transformations of Points on Graphs** | |
| **(a)** | **(b)** |
| The curve shown below has a minimum point with coordinates . Write down the coordinates of the minimum point of the curve | The point lies on the curve with equation shown below. Write down the coordinates of the point on the transformed curve |
| **(c)** | **(d)** |
| The curve shown below has a maximum point with coordinates .    Write down the coordinates of the maximum point of the transformed curve (i)  (ii) | The curve shown below has a maximum point with coordinates .    Write down the coordinates of the maximum point of the transformed curve (i)  (ii) |
| **(e)** | **(f)** |
| The curve with equation is transformed to give the curve with equation . The point lies on the curve . What point does this map to on the transformed curve ? | The curve with equation is transformed to give the curve with equation . The point lies on the curve . What point does this map to on the transformed curve ? |