

AQA – Hyperbolic functions – A2 Further Mathematics P21. **June/2020/Paper_2/No.3**

Find the gradient of the tangent to the curve

$$y = \sin^{-1} x$$

at the point where $x = \frac{1}{5}$

Circle your answer.

[1 mark]

$$\frac{5\sqrt{6}}{12}$$

$$\frac{2\sqrt{6}}{5}$$

$$\frac{4\sqrt{3}}{25}$$

$$\frac{25}{24}$$

