

- 3** The curve with equation $y = \ln x$ is transformed by a stretch parallel to the x -axis with scale factor 2

Find the equation of the transformed curve.

Circle your answer.

[1 mark]

$$y = \frac{1}{2} \ln x$$

$$y = 2 \ln x$$

$$y = \ln \frac{x}{2}$$

$$y = \ln 2x$$