

Apply one of the transformations correctly
to their equation

B1

Obtain correct $-3\ln x + \ln 4$

B1 or equiv

Show at least one logarithm property

M1 correctly applied to their equation of
resulting curve (even if errors have been
made earlier)

Obtain $y = \ln(4x^{-3})$

A1 4 or equiv of required form; $\ln 4x^{-3}$ earns A1;
correct answer only earns 4/4; condone
absence of $y =$