7 Variables x and y are connected by the relationship $y = Ax^n$, where A and n are constants.

(a) Transform the relationship $y = Ax^n$ to straight line form. [2]

When $\ln y$ is plotted against $\ln x$ a straight line graph passing through the points (0, 0.5) and (3.2, 1.7) is obtained.

(b) Find the value of n and of A. [4]

(c) Find the value of y when $x = 11$. [2]

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