11 **(a)** Solve the equation $\tan^2 2x - 4\tan 2x = 0$ for $0° \leqslant x \leqslant 180°$. [4]

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(b) Solve the equation $\operatorname{cosec}(y + 1.2) = 4$, where y is in radians and $-5 < y < 2$. [6]

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