60. The wavelengths satisfy $m\lambda = 2d \sin\theta = 2(275\,\text{pm})(\sin 45^\circ) = 389\,\text{pm}$. In the range of wavelengths given, the allowed values of m are $m = 3$, 4, with the corresponding wavelengths being $389\,\text{pm}/3 = 130\,\text{pm}$ and $389\,\text{pm}/4 = 97.2\,\text{pm}$, respectively.