

24. Solution: B  
Observe

$$\begin{aligned}\Pr[N \geq 1 | N \leq 4] &= \frac{\Pr[1 \leq N \leq 4]}{\Pr[N \leq 4]} = \frac{\left[\frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30}\right]}{\left[\frac{1}{2} + \frac{1}{6} + \frac{1}{12} + \frac{1}{20} + \frac{1}{30}\right]} \\ &= \frac{10 + 5 + 3 + 2}{30 + 10 + 5 + 3 + 2} = \frac{20}{50} = \frac{2}{5}\end{aligned}$$