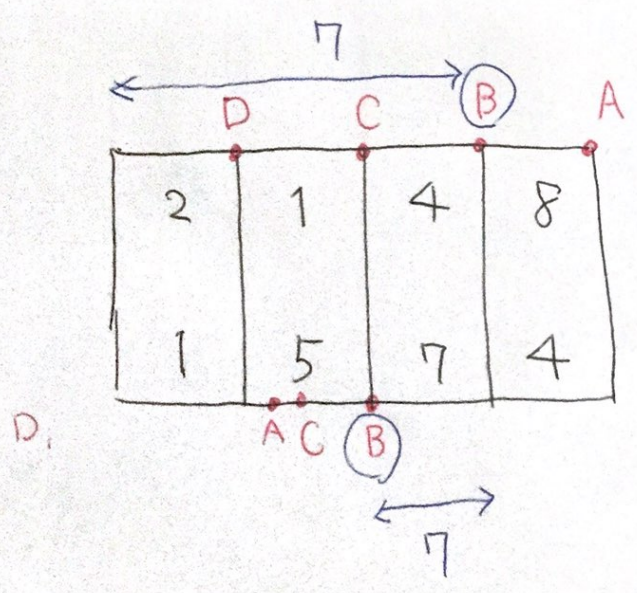


$$P = \left(1 + \frac{2}{\pi}\right) / 4$$



$$P = \frac{1}{2}$$