

Problem 17

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N N N N N

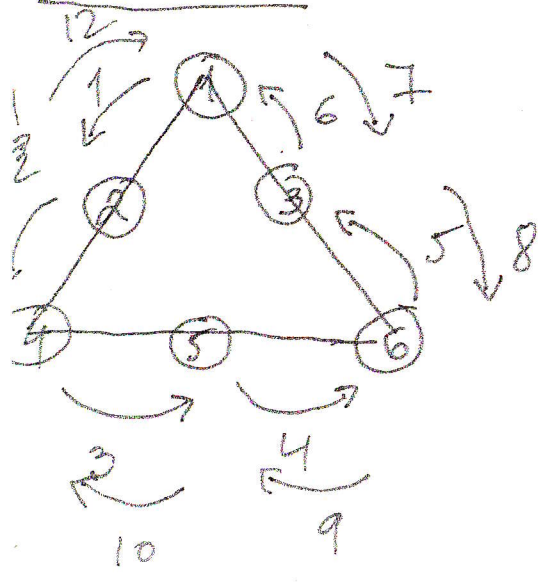
LLN	NNL	LLL
NLL	NLN	NNN
LNL	LNN	

$$P(1 \cup 2) = \frac{8 \cdot 7 \cdot 5 \cdot 3 + 5 \cdot 4 \cdot 8 \cdot 3}{8 \cdot 7 \cdot 5 \cdot 3 + 5 \cdot 4 \cdot 8 \cdot 3 + 8 \cdot 7 \cdot 6 + 5 \cdot 4 \cdot 3} =$$

$$\frac{1320}{1716} = \frac{10}{13}$$

ANSWER: D

Problem 15



$$\frac{6 \cdot 5 \cdot 4 \cdot 3 \cdot 2 \cdot 1}{12} = 60$$

ANSWER: D