

1) TRI KOČKE: R, Z, M.

$$X = M + Z - R$$

ZALOGA VREDNOSTI: $1+1-6 = -4, 1+2-6 = -3, \dots, 6+6-1 = 11$

ZALOGA VREDNOSTI: $\{-4, -3, -2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11\}$

IŽIDI, KI USTREŽAJO DOGODKU $X=0$: $1+1-2, 1+2-3, 2+1-3,$
 $2+2-4, 1+3-4, 3+1-4, 2+3-5, 3+2-5, 1+4-5, 4+1-5, 3+3-6,$
 $2+4-6, 4+2-6, 1+5-6, 5+1-6 \Rightarrow 15$ IŽIDOV

VSEH IŽIDOV JE $6 \cdot 6 \cdot 6 = 216$

$$P[X=0] = \frac{15}{216} = \underline{\underline{0.06944}}$$

$$E[X] = E[M + Z - R] = E[M] + E[Z] - E[R] = \underline{\underline{3.5}}$$

$$E[M] = E[Z] = E[R] = 3.5$$