



$$\langle k^2 \rangle = 20/5 = 4$$

$$\langle k \rangle = 8/5$$

$$\langle k_{\text{neigh}} \rangle = \langle k^2 \rangle / \langle k \rangle = 20/8 = 5/2$$

$$\langle k_{\text{neigh}} \rangle = (4 \cdot 1 + 4 \cdot 4) / (4 + 4 \cdot 1) = 20/8 = 5/2$$