37,38,40
Оценить интеграл.

37. $\displaystyle\int_{x=1}^{2}\int_{y=x}^{2x}\int_{z=0}^{y-x} dz\,dy\,dx$

38. $\displaystyle\int_{z=0}^{2}\int_{x=z}^{2}\int_{y=8x}^{z} dy\,dx\,dz$

39. $\displaystyle\int_{y=-2}^{3}\int_{x=1}^{2}\int_{z=y+x}^{2y+z} 6y\,dx\,dz\,dy$

40. $\displaystyle\int_{x=1}^{2}\int_{z=x}^{2x}\int_{y=0}^{1/z} z\,dy\,dz\,dx.$