

Dans le repère orthonormé $(O, \vec{i}, \vec{j})$ trace le polygone ABCDEFGHIJKLMNOPQRS, sachant que :

$$A(2; 2) \quad \vec{AB} = \vec{i} + 2\vec{j} \quad \vec{BC} = 6\vec{j} \quad \vec{CD} = -\vec{i} \quad \vec{ED} = \vec{i} + \vec{j} \quad \vec{EF} = 2\vec{j} \quad \vec{FG} = \vec{ED} \quad H(12; 12)$$

$$\vec{AS} = \frac{1}{5} \vec{GH} \quad \vec{SR} = \vec{AB} \quad \vec{QR} = \vec{CB} \quad \vec{SN} = \vec{SR} + \frac{2}{5} \vec{GH} \quad \vec{PQ} = \vec{HG} - 3\vec{SA} \quad \vec{HI} = \vec{i} - 2\vec{j}$$

$$\vec{JI} = \frac{1}{2} \vec{PI} \quad \vec{OK} = 11\vec{i} + 4\vec{j} \quad \vec{KL} = \vec{HI} \quad \vec{PM} = \vec{DC} + \vec{DA}$$

