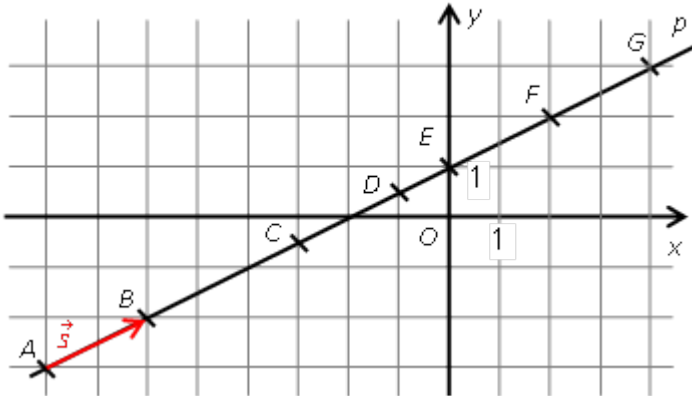


KDYŽ SE SPOJÍ BOD A VEKTOR 3 - ŘEŠENÍ

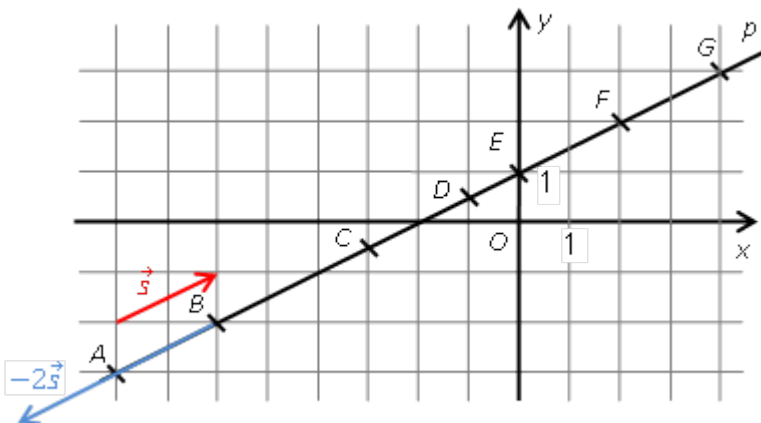
1. Zakreslete vektor $\vec{s} = \overrightarrow{AB}$.



2. Do rámečku doplňte interval tak, aby daná rovnice byla parametrickou rovnicí polopřímky \overrightarrow{AB} :

a) $X = A - t \cdot \vec{s}; t \in \boxed{(-\infty; 0)}$

b) $X = B - 2t \cdot \vec{s}; t \in \boxed{(-\infty; 0,5)}$



Ověření:

$$B = B - 2t \cdot \vec{s}; t = 0$$

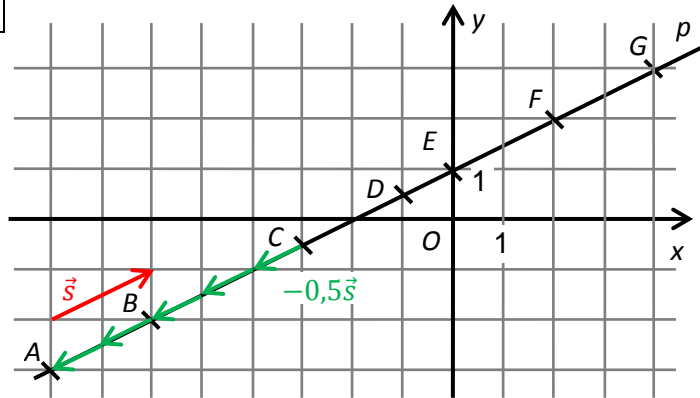
$$A = B - 2t \cdot \vec{s}; t = 0,5$$

$$C = B - 2t \cdot \vec{s}; t = -0,75$$

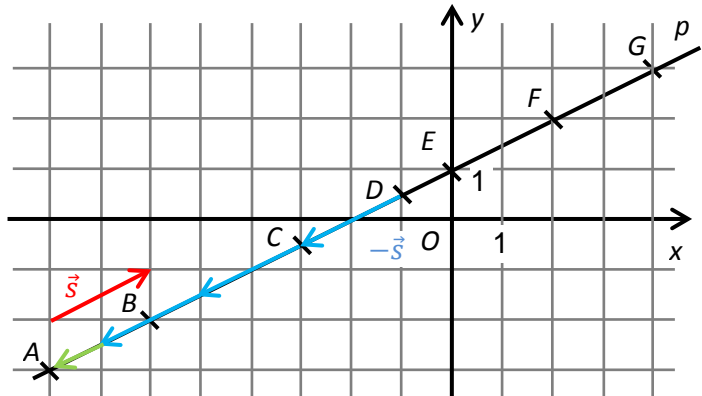
$$D = B - 2t \cdot \vec{s}; t = -1,25$$

INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

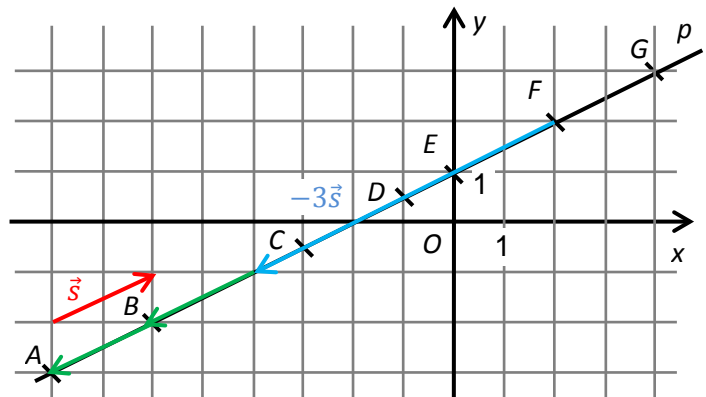
c) $X = C + 0,5t \cdot \vec{s}; t \in \langle -5; +\infty \rangle$



d) $X = D - t \cdot \vec{s}; t \in \langle -\infty; 3,5 \rangle$

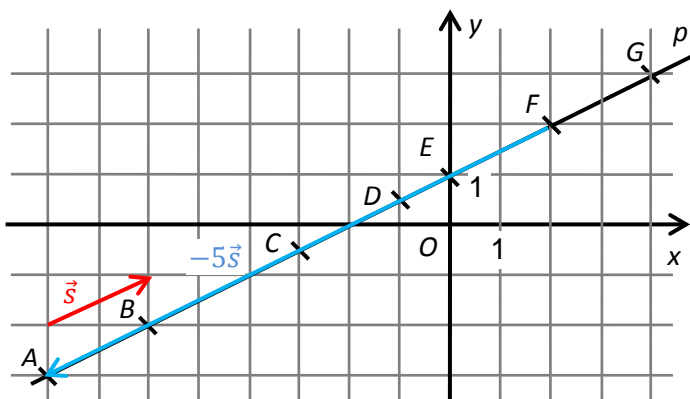


e) $X = E + 3t \cdot \vec{s}; t \in \langle -\frac{5}{3}; +\infty \rangle$



INVESTICE DO ROZVOJE VZDĚLÁVÁNÍ

f) $X = F + 5t \cdot \vec{s}; t \in (-1; +\infty)$



g) $X = G - 1,5t \cdot \vec{s}; t \in (-\infty; 4)$

