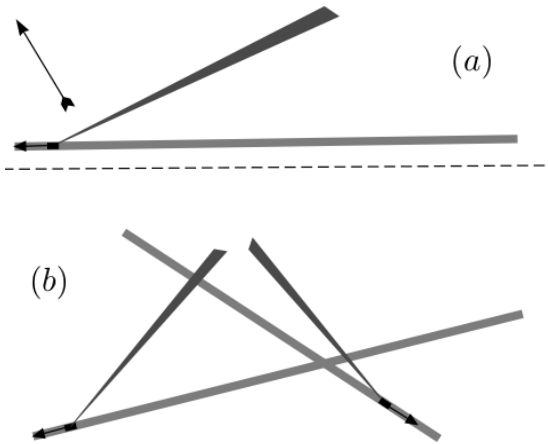
3. **Tractor** (6 points)

Provided sketches (a) and (b) are made on the basis of satellite images, preserving proportions. They represent tractors, together their smoke trails. The tractors were moving along the roads in the direction indicated by the arrows. The velocity of all the tractors was $v_0 = 30\,\mathrm{km/h}$. For sketch (a), the direction of wind is indicated by another arrow.



1) Using the provided sketch, find the wind speed for case (a).

2) Using the provided sketch, find the wind speed for case (b).