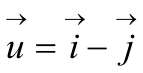
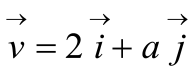
Colegiul Tehnic T. F. ,,Anghel Saligny’’ – Simeria

Profesor, Cosma Teodora                                                         Numele elevului .......................

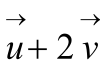
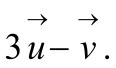
**Test de evaluare inițială – Clasa a XI - a, Școala Profesională**

Se acordă 4 puncte din oficiu.

**3 p  -  1.** Rezolvați în R ecuațiile: a) https://lh4.googleusercontent.com/mqI3D7gi9LV8vOa6zf8q_jYq2JysItuxywICLtQtkkzUga8W3IR-9S2XE6L4pjVofO1QHqYG0nh5Av6IDNbkCvxBHkTh8A4ybhozVE7stmqxAEQVj4xXWNoMPCuk5jAsTp-oTU_jtOwKS5KyxA; b) https://lh5.googleusercontent.com/EaJBQxpQX_aND1In5zyh94dRJP7eUg2nOHsw_9NylpjFqmqbK1qJ5bX9i_JzEiQ3TVjHeDomlOQjodC4KMvBBALE6o1786Vb4pNnfAc3AgYjdqi4uVt4nsNWEA9kZQrTNG1s11R8fbb-Opckyg c) https://lh6.googleusercontent.com/rTWvIsavAXjQ-XWcCc-e4mrr9XSQmLC_nL28ZqjEX6LntJ3ryrcP2v3UUaP186V2AUIjXNSpGaQrAbvkv8CRl5BsfoO8-_evWn9R7BU44Z_jzppdPYfkR64K_63nBndCHCWHC8sI9Oxr3vkAjQ.

**3 p  -  2.** Se consideră vectorii  și , ahttps://lh5.googleusercontent.com/HTX-ZURTnvAJfUl511XlWVuw1sPoCAhGPAn0KdIo0yAWUVwa-z3h952p1FSxbRNgsKz_qaUVqM2g4lA5rZKsX9KUg2qtRLqrgCVhCqm_Y7LRuaSbc7LNxG5MUQRD0rezZYzZO1CEuUaNjXop_gR.

               a) Determinați numărul real a, încât vectorii https://lh5.googleusercontent.com/9jZwq1BZEMD6EhvxvdZXZh7ziJzrIbzGWwDILAOB69flxJxxH6v6vDtnpf5JTCunoU3geS6j7_XBlwOBQ9vLBbtQcWOtviTlIdGSuE6n8lkccGbdd6C-nNYFVCra1ViQbo1vepCOKS36hyDfdA și https://lh5.googleusercontent.com/h1VonMW0jApf1_m5uQDjiCQbDzn9XyYuSVssfJhLSTZAHA8gLF0n_W4o0HlooZ__bho0YjQ4OvCxaMyxOYk9jTiTKEiiJqQvCwbnI-UA72Fjf-5LPAI-wkb78BwIQ_o79NnF2aCUaVvZadvrDQ să fie coliniari.

               b) Calculați    și  

Timpul de lucru este de 30 – 35 minute.