

**1. In the following list select the methods for securing of wireless networks and sort them from the least secure (1) to the most secure (x).**

- \_\_\_ RSA (algorithm Rivest Shamir Adleman)
- \_\_\_ EAP (Extensible Authentication Protocol)
- 2**\_\_\_ WPA (Wi-Fi Protected Access)
- 1**\_\_\_ WEP (Wired Equivalent Privacy)
- \_\_\_ TKIP (Temporary Key Integrity Protocol)
- \_\_\_ DES (Data Encryption Standard)
- 3**\_\_\_ WPA2 (Wi-Fi Protected Access version 2)
- \_\_\_ AES (Advanced Encryption Standard)
- \_\_\_ PGP (Pretty Good Privacy)
- \_\_\_ WEP2 (Wired Equivalent Privacy version 2)
- \_\_\_ IDS (Intrusion Detection System)
- \_\_\_ TLS (Transport Layer Security)

## 2. Assign characteristic properties to the corresponding technologies.

WEP	WPA
1	3
2	4
4	7
8	5
6	

- 1 – Short key
- 2 – Static key
- 3 – Temporary key technology (so-called dynamic key)
- 4 – Using RC4 encryption algorithm
- 5 – Technology providing data integrity in terms of security
- 6 – Technology NOT providing data integrity in terms of security
- 7 – Demanding in terms of computation
- 8 – NOT demanding in terms of computation