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)

1. 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