

**1. During the test, the doctor placed sugar on the tip of the patient's tongue, and he couldn't taste it. Which nerve is the problem?**

**Defect in facial N :**

**The nerve responsible for taste sensation on the anterior two-thirds of the tongue is the chorda tympani branch of the facial nerve (CN VII)**

**2. A patient ate ice cream but did not sense its taste or coldness. Which nerve is malfunctioning?**

**Loss of taste on the anterior two-thirds of the tongue involves the facial nerve (CN VII)**

**Loss of temperature sensation involves the trigeminal nerve (CN V)\*\*.**

**3. Someone has blisters on their tongue. Which nerve defect would you suspect?**

**The nerve defect suspected in this case is the lingual nerve (a branch of the mandibular division of the trigeminal nerve)**

**4. During a test, a patient was asked to protrude their tongue, and it deviated to the right side. Which muscle is weak, or which nerve is impaired?**

**Deviation to the right indicates weakness in the left genioglossus muscle, innervated by the hypoglossal nerve (CN XII)**