

CRANIAL NERVES - PNS

✓ Complete the following table for each of the cranial nerves:

| Nerve | Sensory, Motor, or Mixed? | Foramina | Attachment to brain | Divisions | Function |
|-------------------|---------------------------|----------|---------------------|-----------|----------|
| Olfactory | | | | | |
| Optic | | | | | |
| Oculomotor | | | | | |
| Trochlear | | | | | |
| Trigeminal | | | | | |
| Abducens | | | | | |
| Facial | | | | | |
| Vestibulocochlear | | | | | |
| Glossopharyngeal | | | | | |
| Vagus | | | | | |
| Accessory | | | | | |
| Hypoglossal | | | | | |

- ✓ List the correct cranial nerve(s) whose motor or sensory function(s) are described below:

Movement (rolling) of the eyes: (3 nerves) _____
_____, _____

Allows for smelling of odors _____

Provides sensory information for vision _____

Mastication of food, innervation of upper head, face, lips and upper teeth

Produces facial expressions _____

Conveys information about hearing and balance _____

Innervates most of the visceral organs _____

Induces saliva secretion and is involved in swallowing _____

Allows for vocalizations and food mixing _____

Innervates neck muscles _____

Which three nerves are purely sensory nerves?

Which nerves pass through the superior orbital fissure?

PRACTICE DRILLS

- ✓ Obtain a skull and quiz your partner on the following:
- Ask your partner to identify certain foramen.
 - Place a pipe-cleaner through a specific foramen and ask your partner which cranial nerve passes through it.
 - Select a specific cranial nerve and ask your partner which symptoms would be observed in a person with damage to this nerve.