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ACTIVITY 1

Name the muscle that may cause the following facial expression and write down its origin, insertion and action.

1. **Muscle:** Platysma

Origin: Fascia over deltoid and pectoralis major muscle

Insertion: Mandible, blends with muscles around angle of mouth and skin of lower face.

Action: Draws outer part of lower lip inferiorly and posteriorly as in pouting; depresses mandible.



2. **Muscle:** Mentalis

Origin: Mandible

Insertion: Skin of Chin

Action: Elevates and protrudes lower lip and pulls skin chin up, as in pouting.



3. **Muscle:** Orbicularis oris

Origin: Muscle fibers surrounding opening of mouth

Insertion: Skin at corner of mouth

Action: Closes and protrudes lips, as in kissing; compresses lips against teeth; and shapes lips during speech



4. **Muscle:** Corrugator supercili

Origin: Medial end of superciliary arch of frontal bone

Insertion: Skin of eyebrow

Action: Draws eyebrows inferiorly and wrinkles skin of forehead vertically as in frowning



5. **Muscle:** Orbicularis Oculi

Origin: Medial wall of orbit

Insertion: Circular path around orbit

Action: Closes eye



6. **Muscle:** Occipitofrontalis (frontal belly)

Origin: Epicranial aponeurosis

Insertion: Skin superior to supraorbital margin

Action: Draws scalp anteriorly, raises eyebrow, and wrinkles skin of forehead horizontally as in look of surprise



Reference: Tortora, & Derrickson. (2012). Chapter 11: The Muscular System. In Principles of anatomy and physiology (13th ed.).