

# Human Anatomy & Physiology I

## Lab 8 The skeletal muscles of the head and trunk

### Lab exercises 8.1

1. Give the reasons the following muscles were given their names. For muscles with multi-word names, identify the meaning of or reason for each component of the muscle's name.

- a. Deltoid muscle \_\_\_\_\_
- b. External oblique muscle \_\_\_\_\_
- c. Platysma muscle \_\_\_\_\_
- d. Rectus abdominis muscle \_\_\_\_\_
- e. Frontal epicranium muscle \_\_\_\_\_
- f. Zygomaticus major muscle \_\_\_\_\_

## Lab exercises 8.2

1. The following are muscles of **facial expression**. For each, give its location and describe its action when it contracts.

Muscle	Location	Action when contracted
Epicranius frontalis		
Epicranius occipitalis		
Orbicularis oculi		
Zygomaticus major		
Zygomaticus minor		
Buccinator		
Orbicularis oris		
Nasalis		

2. The following are muscles of **mastication**. For each, give its location and describe its action when it contracts.

Muscle	Location	Action when contracted
Masseter		
Temporalis		
Platysma		

### Lab exercises 8.3

1. The following are muscles that **move the pectoral girdle**. For each, give its location and describe its action when it contracts.

Muscle	Location	Action when contracted
Trapezius		
Pectoralis minor		
Serratus anterior		

2. The following are muscles that **move the arm**. For each, give its location and describe its action when it contracts.

Muscle	Location	Action when contracted
Pectoralis major		
Latissimus dorsi		
Deltoid		

3. The following are muscles of the **abdominal wall**. For each, give its location and describe its action when it contracts.

Muscle	Location	Action when contracted
Rectus abdominis		
External oblique		
Internal oblique		
Transversus abdominis		

4. Label the indicated facial muscles in Figure 8-9.

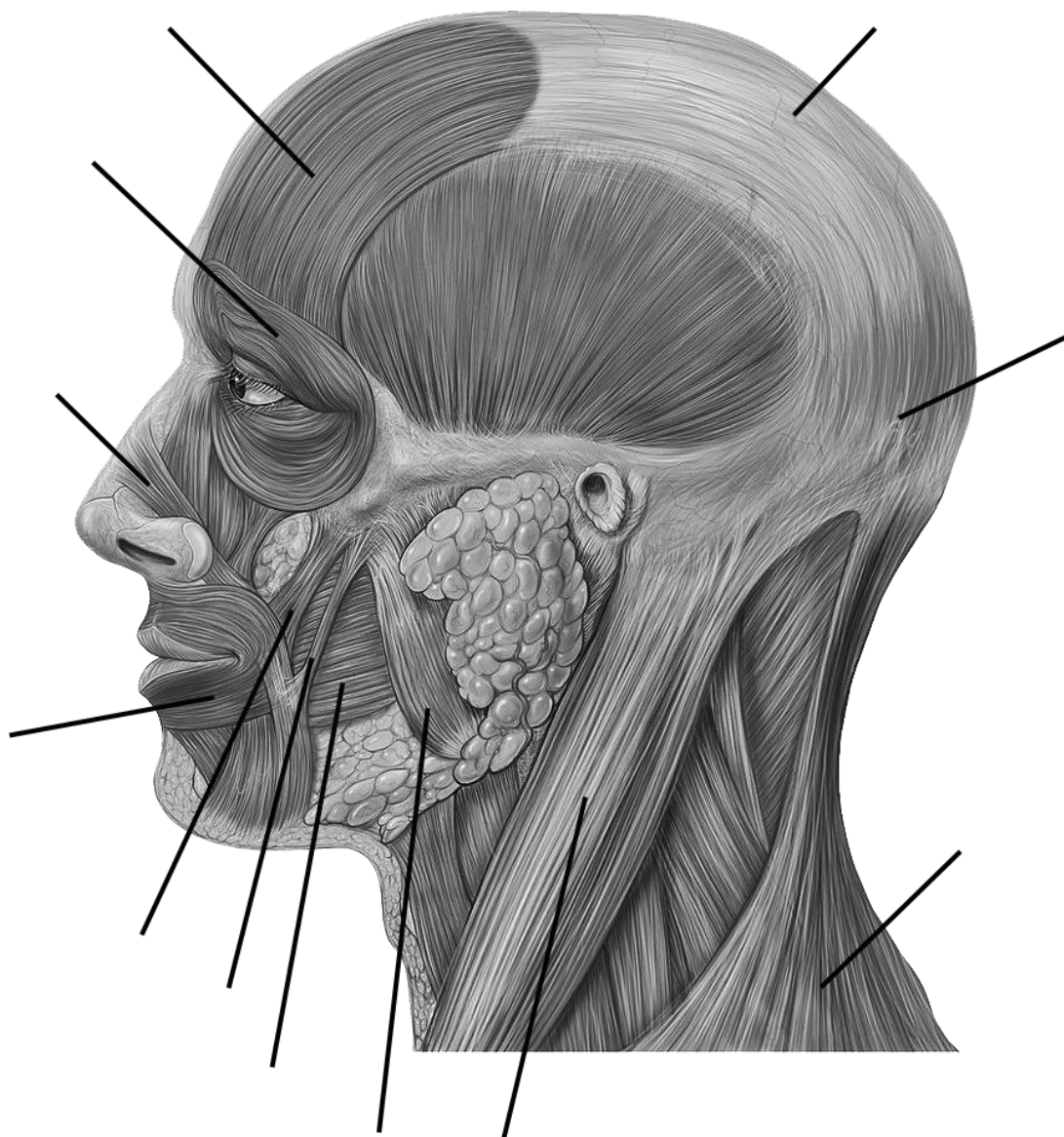


Figure 8-9. Facial muscles.