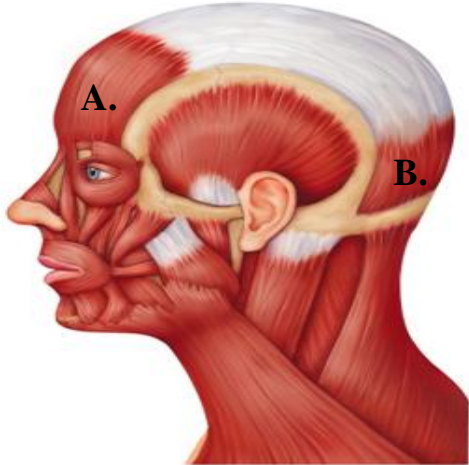
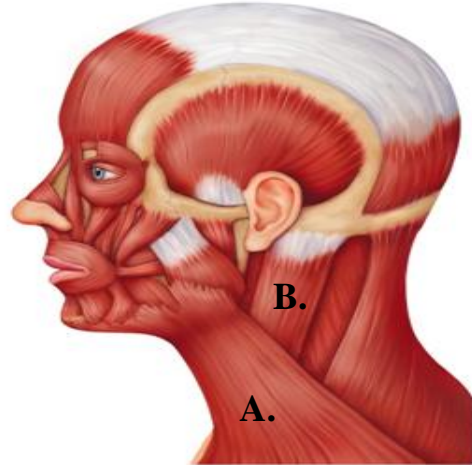


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| <p><b>Muscle: platysma (A)</b><br/> <b>O:</b> fascia of the deltoid and pectoralis major<br/> <b>I:</b> mandible and skin of the mouth corners<br/> <b>A:</b> pulls corners of mouth down and back</p> <p><b>Muscle: sternocleidomastoid (B)</b><br/> <b>O:</b> mid-clavicle and manubrium of sternum<br/> <b>I:</b> mastoid process of temporal bone<br/> <b>A:</b> flexes and rotates head</p> | <p><b>Muscle: frontalis (A)</b><br/> <b>O:</b> galea aponeurosis<br/> <b>I:</b> skin of supraorbital margin<br/> <b>A:</b> raises eyebrows</p> <p><b>Muscle: occipitalis (B)</b><br/> <b>O:</b> occipital bone and mastoid bone<br/> <b>I:</b> galea aponeurosis<br/> <b>A:</b> pull scalp posteriorly</p> |
| <p><b>Muscle: masseter</b><br/> <b>O:</b> zygomatic arch<br/> <b>I:</b> angle and ramus of mandible<br/> <b>A:</b> elevates the jaw</p>  | <p><b>Muscle: temporalis</b><br/> <b>O:</b> temporal bone<br/> <b>I:</b> coronoid process of mandible<br/> <b>A:</b> elevates the jaw</p>  |
| <p><b>Muscle: orbicularis oculi (A)</b><br/> <b>O:</b> medial wall of orbit<br/> <b>I:</b> tissue of the eyelid<br/> <b>A:</b> closes the eye</p> <p><b>Muscle: orbicularis oris (B)</b><br/> <b>O:</b> fascia associated with the maxilla, mandible and lips<br/> <b>I:</b> muscles and skin at the angle of mouth<br/> <b>A:</b> purses and puckers lips</p>                                   | <p><b>Muscle: buccinator</b><br/> <b>O:</b> alveolar process of the posterior mandible/maxilla<br/> <b>I:</b> orbicularis oris<br/> <b>A:</b> compresses the cheek when blowing and sucking</p>  |



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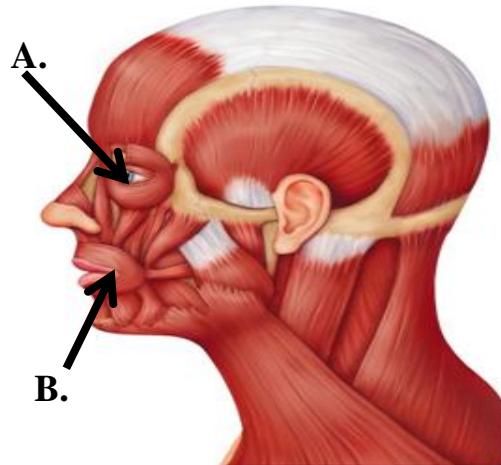
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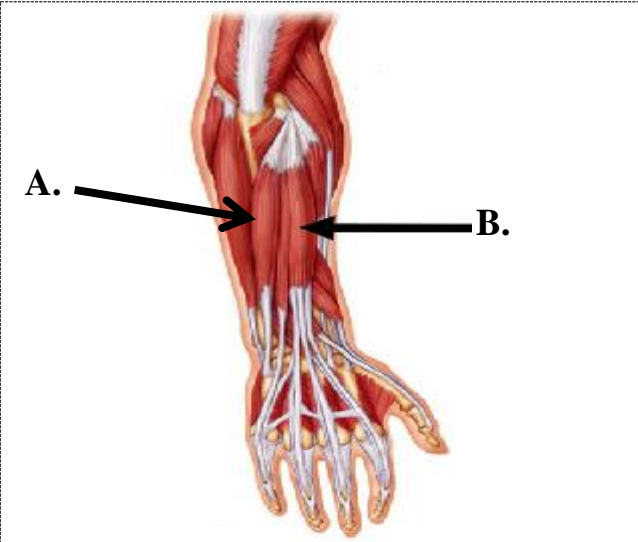
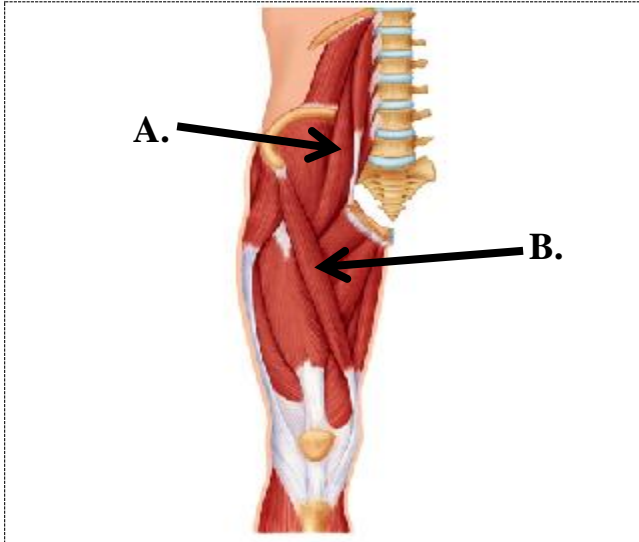
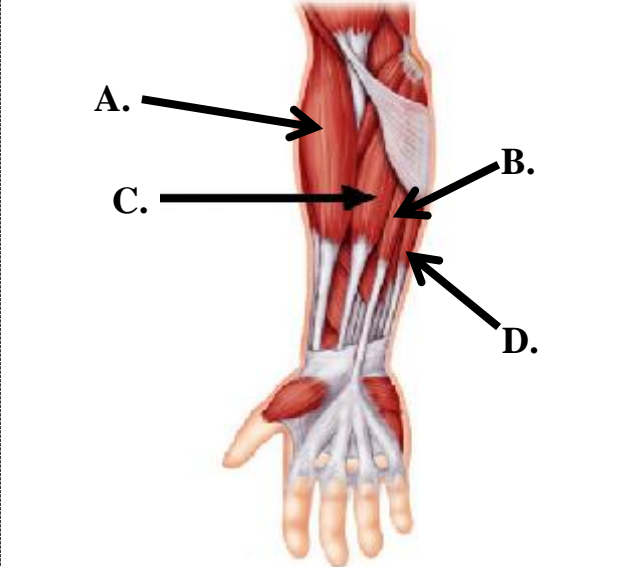
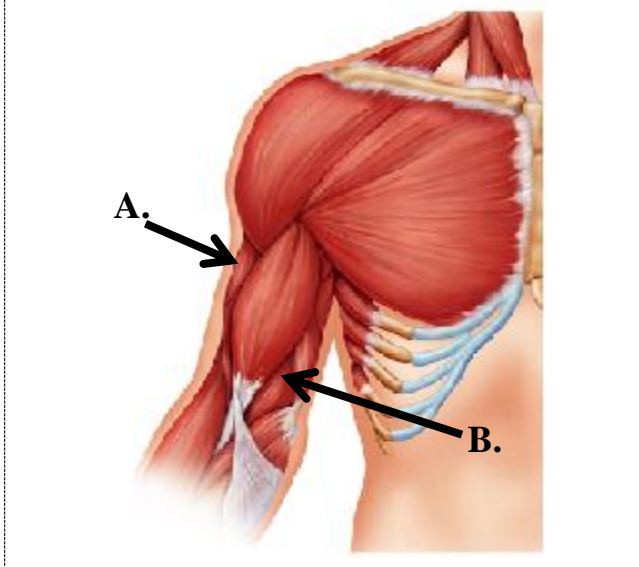
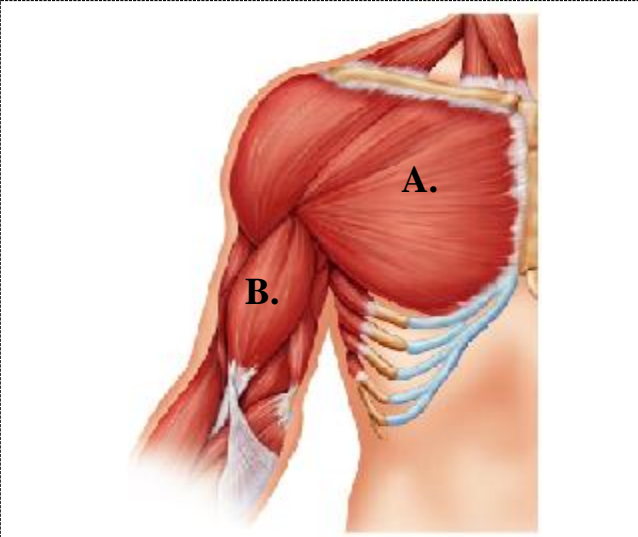
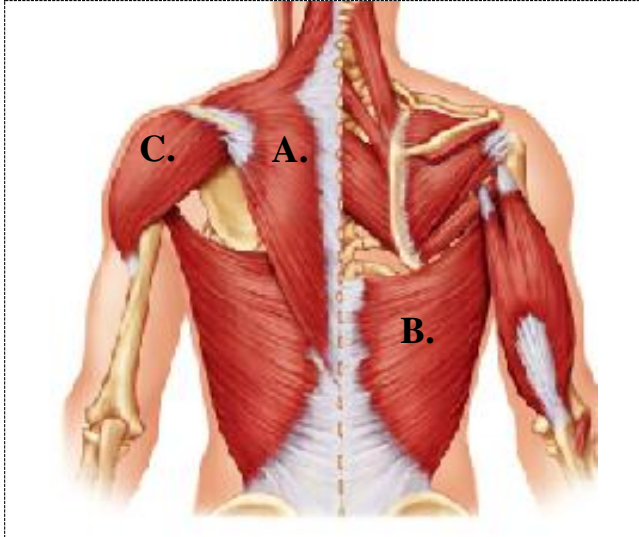


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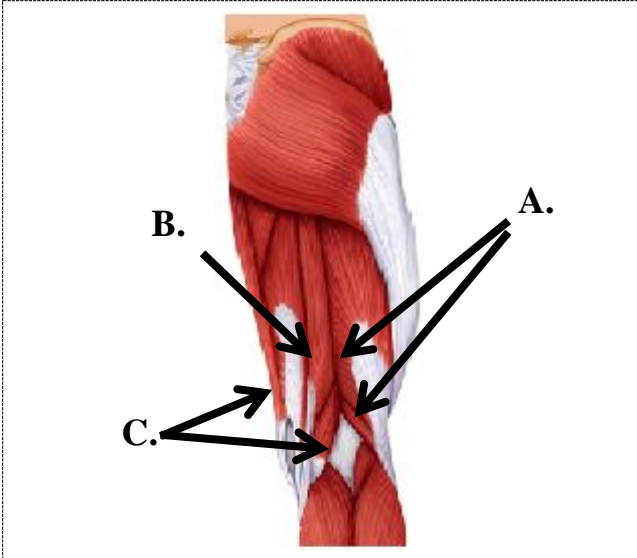
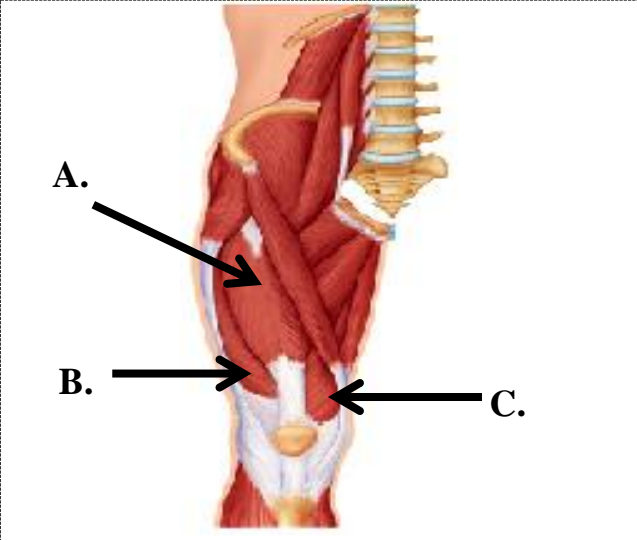
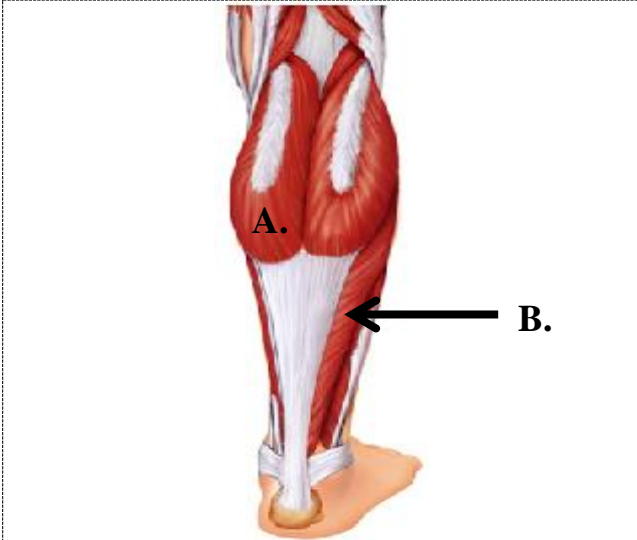
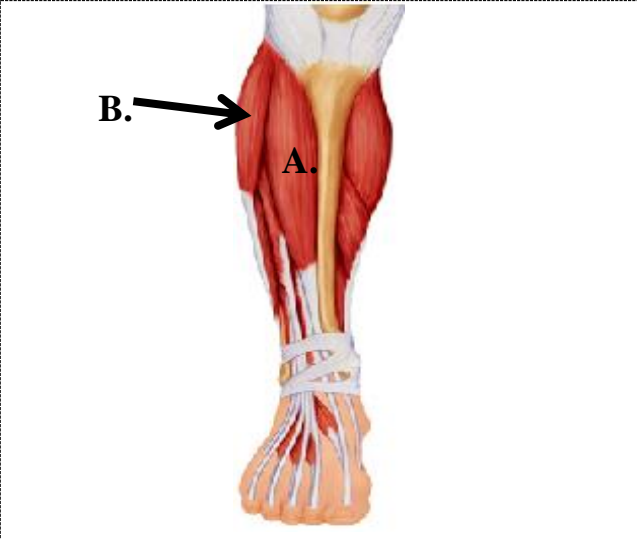
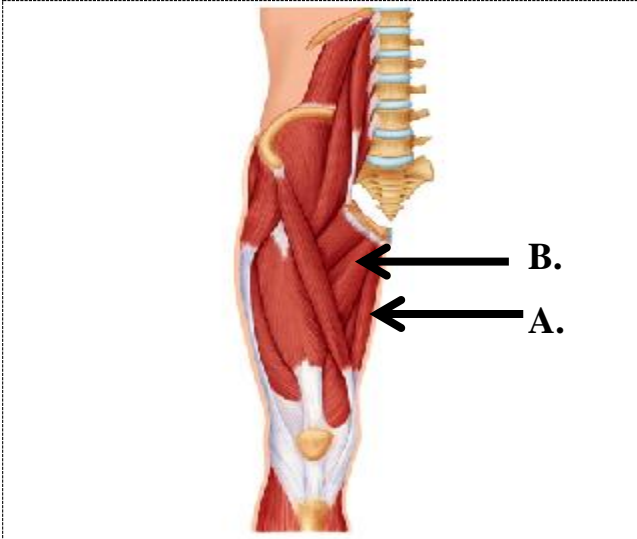


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| <p><b>Muscle:</b> pectoralis major (A)<br/> <b>O:</b> clavicle, sternum and cartilage of 1-6 ribs<br/> <b>I:</b> greater tubercle<br/> <b>A:</b> flex, adduct and rotate arm</p> <p><b>Muscle:</b> biceps brachii (B)<br/> <b>O:</b> supraglenoid tubercle and coracoid process<br/> <b>I:</b> radial tuberosity<br/> <b>A:</b> flex and supinate forearm</p>  | <p><b>Muscle:</b> trapezius (A)<br/> <b>O:</b> occipital bone and spines of c7-thoracic vert.<br/> <b>I:</b> clavicle, and acromion and spine of scapula<br/> <b>A:</b> extend head and shrug shoulder</p> <p><b>Muscle:</b> latissimus dorsi (B)<br/> <b>O:</b> spines of t6-l5, iliac and sacral crests<br/> <b>I:</b> intertubercular groove<br/> <b>A:</b> extend, adduct, and rotate arm</p> <p><b>Muscle:</b> deltoid (C)<br/> <b>O:</b> clavicle, and the acromion and spine of scapula<br/> <b>I:</b> deltoid tuberosity<br/> <b>A:</b> abduct the arm</p> |
| <p><b>Muscle:</b> brachioradialis (A)<br/> <b>O:</b> lateral ridge of distal humerus<br/> <b>I:</b> styloid process of radius<br/> <b>A:</b> flex forearm</p> <p><b>Muscle:</b> palmaris longus (B)<br/> <b>O:</b> medial epicondyle of humerus<br/> <b>I:</b> palmar aponeurosis<br/> <b>A:</b> flex wrist</p> <p><b>Muscle:</b> flexor carpi radialis (C)<br/> <b>O:</b> medial epicondyle of humerus<br/> <b>I:</b> 2<sup>nd</sup> and 3<sup>rd</sup> metacarpals<br/> <b>A:</b> flex wrist and abduct hand</p> <p><b>Muscle:</b> flexor carpi ulnaris (D)<br/> <b>O:</b> medial epicondyle &amp; olecranon process<br/> <b>I:</b> 5<sup>th</sup> metacarpal<br/> <b>A:</b> flex and adduct wrist</p> | <p><b>Muscle:</b> triceps brachii (A)<br/> <b>O:</b> infraglenoid tubercle; posterior body humerus<br/> <b>I:</b> olecranon fossa<br/> <b>A:</b> extend forearm</p> <p><b>Muscle:</b> brachialis (B)<br/> <b>O:</b> distal, anterior humerus<br/> <b>I:</b> coronoid process of ulna<br/> <b>A:</b> flex forearm</p>   |
| <p><b>Muscle:</b> extensor carpii ulnaris (A)<br/> <b>O:</b> lateral epicondyle of humerus<br/> <b>I:</b> 5<sup>th</sup> metacarpal<br/> <b>A:</b> extend and adduct wrist</p> <p><b>Muscle:</b> extensor digitorum (B)<br/> <b>O:</b> lateral epicondyle of humerus<br/> <b>I:</b> 2<sup>nd</sup>-5<sup>th</sup> mid-phalanges<br/> <b>A:</b> extends phalanges</p>   | <p><b>Muscle:</b> iliopsoas (A)<br/> <b>O:</b> iliac fossa and the bodies and discs of vertebrae T12-all lumbar<br/> <b>I:</b> lesser trochanter<br/> <b>A:</b> major flexor of thigh, flexes trunk on thigh</p> <p><b>Muscle:</b> sartorius (B)<br/> <b>O:</b> anterior superior iliac spine<br/> <b>I:</b> medial proximal tibia<br/> <b>A:</b> flex the leg, flex and rotate thigh</p>  |



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| <p><b>Muscle:</b> tibialis anterior (A)<br/> <b>O:</b> lateral condyle and body of tibia<br/> <b>I:</b> 1<sup>st</sup> metatarsal and tarsal bones<br/> <b>A:</b> dorsiflex and invert foot</p> <p><b>Muscle:</b> fibularis longus (B)<br/> <b>O:</b> head of fibula<br/> <b>I:</b> underfoot to 1<sup>st</sup> metatarsal and tarsal bones<br/> <b>A:</b> plantar flex and evert foot</p> | <p><b>Muscle:</b> gracilis (A)<br/> <b>O:</b> inferior ramus and body of pubic bone<br/> <b>I:</b> medial condyle of tibia<br/> <b>A:</b> adduct the thigh and flex leg</p> <p><b>Muscle:</b> adductor group (B)<br/> <b>O:</b> ischium and pubic bone<br/> <b>I:</b> linea aspera<br/> <b>A:</b> adduct, flex and rotate thigh</p>      |
| <p><b>Muscle:</b> rectus femoris (A)<br/> <b>O:</b> anterior inferior iliac spine<br/> <b>I:</b> tibial tuberosity<br/> <b>A:</b> flex the thigh and extend the leg</p> <p><b>Muscle:</b> vastus lateralis (B)</p> <p><b>Muscle:</b> vastus medialis (C)</p> <p><b>Muscle:</b> vastus intermedius (D)<br/> *NOT SEEN IN THIS FIGURE</p>  | <p><b>Muscle:</b> gastrocnemius (A)<br/> <b>O:</b> lateral and medial condyles of the femur<br/> <b>I:</b> calcaneus<br/> <b>A:</b> plantarflex the foot and flex the leg</p> <p><b>Muscle:</b> soleus (B)<br/> <b>O:</b> head of fibula, and the medial proximal tibia<br/> <b>I:</b> calcaneus<br/> <b>A:</b> plantarflex the foot</p> |
| <p><b>Muscle:</b> gluteus Maximus<br/> <b>O:</b> ilium, sacrum and coccyx<br/> <b>I:</b> gluteal tuberosity and iliotibial tract<br/> <b>A:</b> major extensor of thigh, and abducts thigh</p> <p><b>Muscle:</b> gluteus medius</p>  | <p><b>Muscle:</b> biceps femoris (A)<br/> <b>O:</b> ischial tuberosity and linea aspera<br/> <b>I:</b> head of the fibula, lateral condyle of tibia<br/> <b>A:</b> extend thigh and flex leg</p> <p><b>Muscle:</b> semitendinosus (B)</p> <p><b>Muscle:</b> semimembranosus (C)</p>  |



**Muscle: rectus abdominis (A)**

**Muscle: external oblique (B)**

**Muscle: internal oblique (C)**

**Muscle: transverse abdominis (D)**

