

Muscles of Trunk

- Anterior muscles
 - Pectoralis major— **adducts** and **flexes** the humerus
 - Intercostal muscles (rib cage)
 - External intercostals— **raise** rib cage during **inhalation**
 - Internal intercostals— **depress** the rib cage to move air out of the lungs during **exhalation**

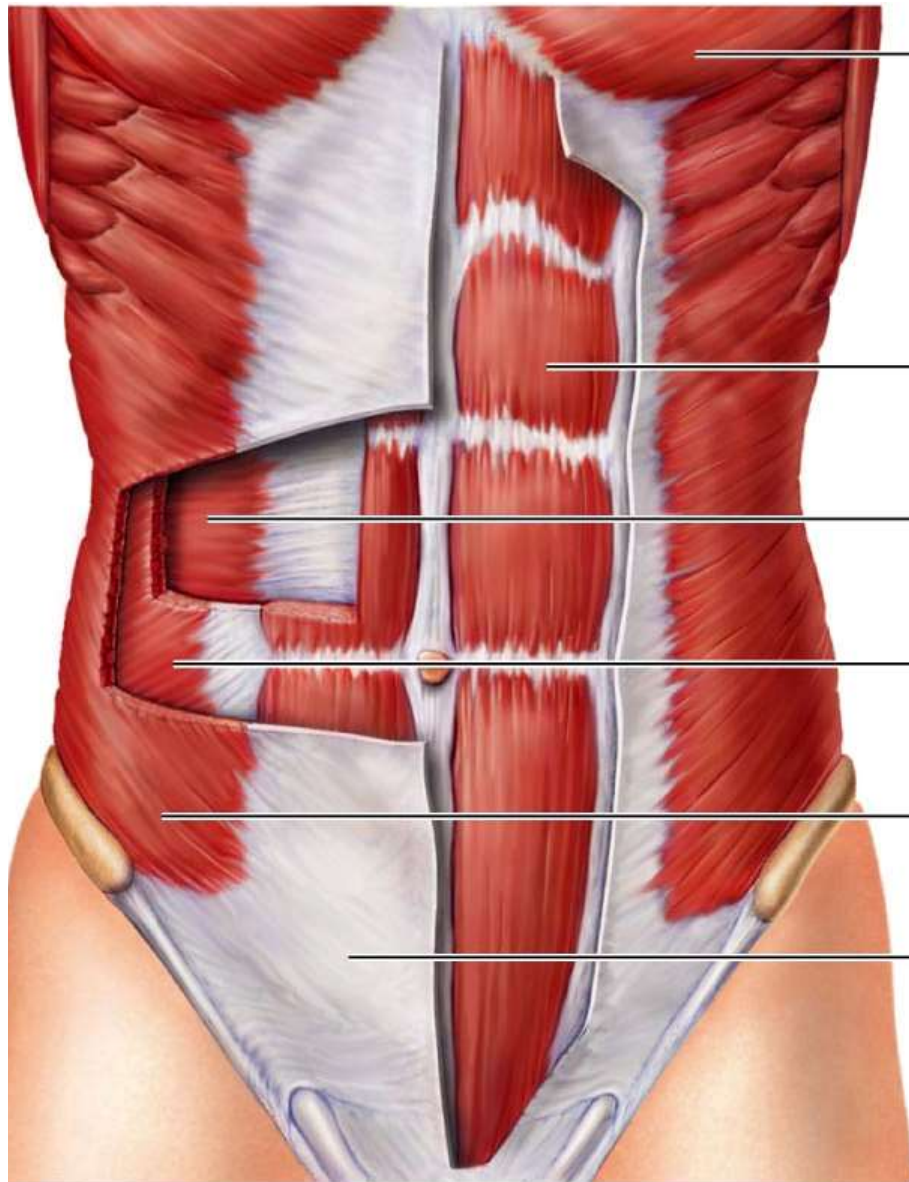
Muscles of Trunk

- **Muscles of the abdominal girdle**
 - **Rectus abdominis—flexes vertebral column and compresses abdominal contents (defecation, childbirth, forced breathing)**
 - **External and internal obliques—flex vertebral column; rotate trunk and bend it laterally**
 - **Transversus abdominis— compresses abdominal contents**

Muscles of Trunk

- **Posterior muscles**
 - **Trapezius**—elevates, depresses, adducts, and stabilizes the **scapula**
 - **Latissimus dorsi**—extends and adducts the **humerus**
 - **Erector spinae**— **extension** of back
 - **Quadratus lumborum**—flexes the spine **laterally**
 - **Deltoid**—arm **abduction**

Anterior Muscles of Trunk



1. Pectoralis major

2. Rectus abdominis

3. Transversus abdominis

4. Internal oblique

5. External oblique

6. Aponeurosis

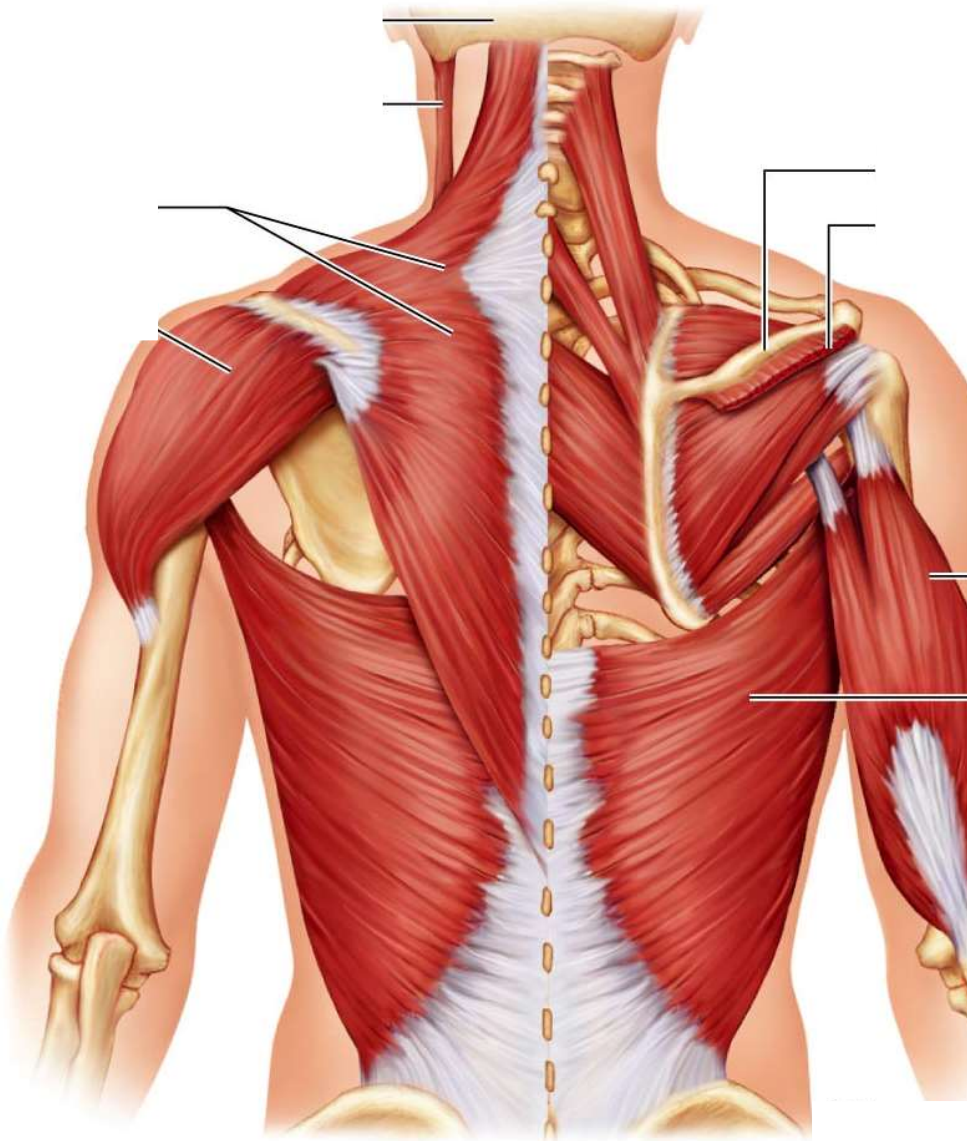
) **Figure 6.16b**



Muscles of Posterior Neck, Trunk, Arm

ANSWERS:

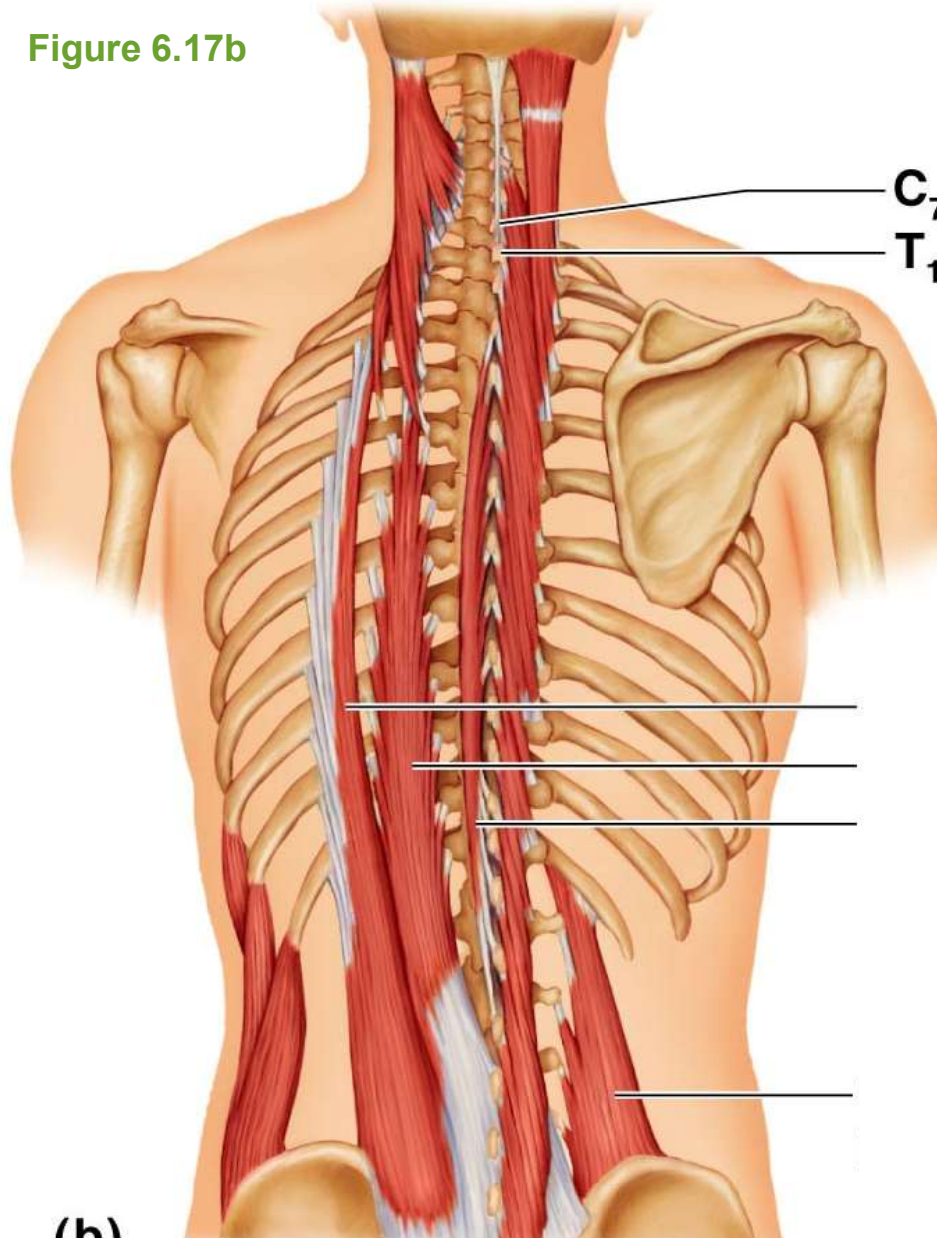
- 14. Occipital bone
- 15. Sternocleidomastoid
- 16. Trapezius
- 17. Deltoid
- 18. Spine of scapula
- 19. Deltoid (cut)
- 20. Triceps brachii
- 21. Latissimus dorsi
- 22. Humerus



a) Figure 6.17a

Deep Muscles of Posterior Neck & Trunk

Figure 6.17b



ANSWERS:

23. Iliocostalis

24. Longissimus

25. Spinalis

26. Quadratus lumborum