

# Anatomy OSPE 436

الأمّة بحاجة إلى الشباب والعالم الموسوعة لتنهض وتحرر..

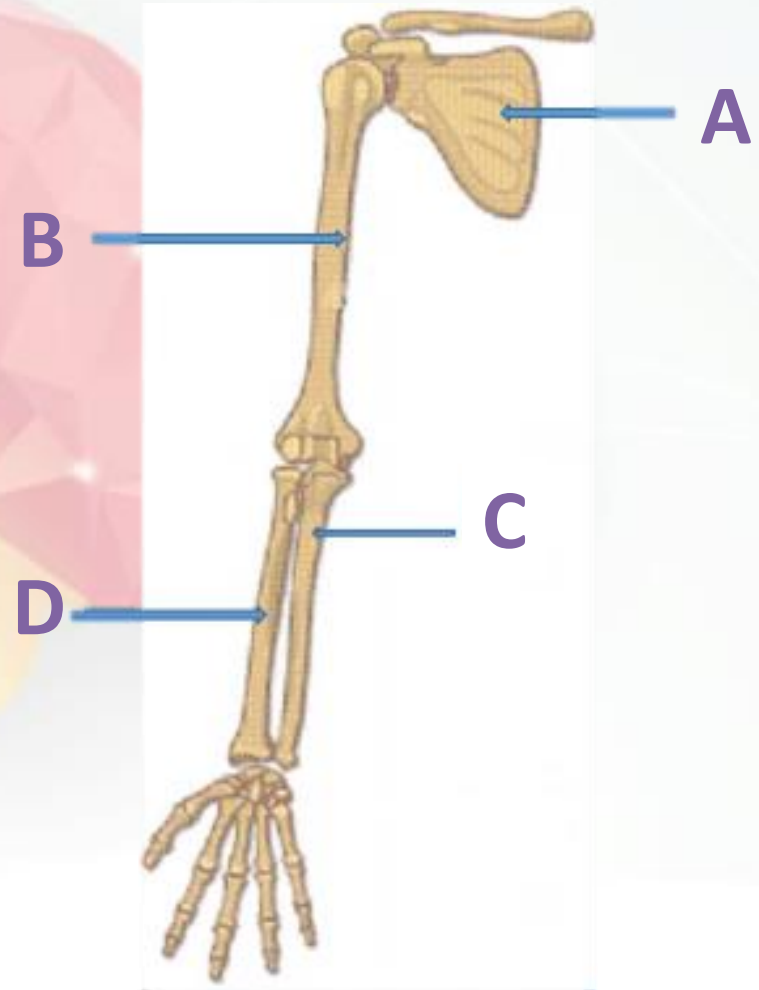
## Before you begin:

- Make sure you understand the difference between the terms NAME & TYPE which have completely different answers.
- Make sure your SPELLING is correct or relatively similar to ensure your grade on each question.

# CASE 1

Identify: A,B,C&D

- 
- A. Scapula
  - B. Humerus
  - C. Ulna ( Medial )
  - D. Radius ( Lateral )



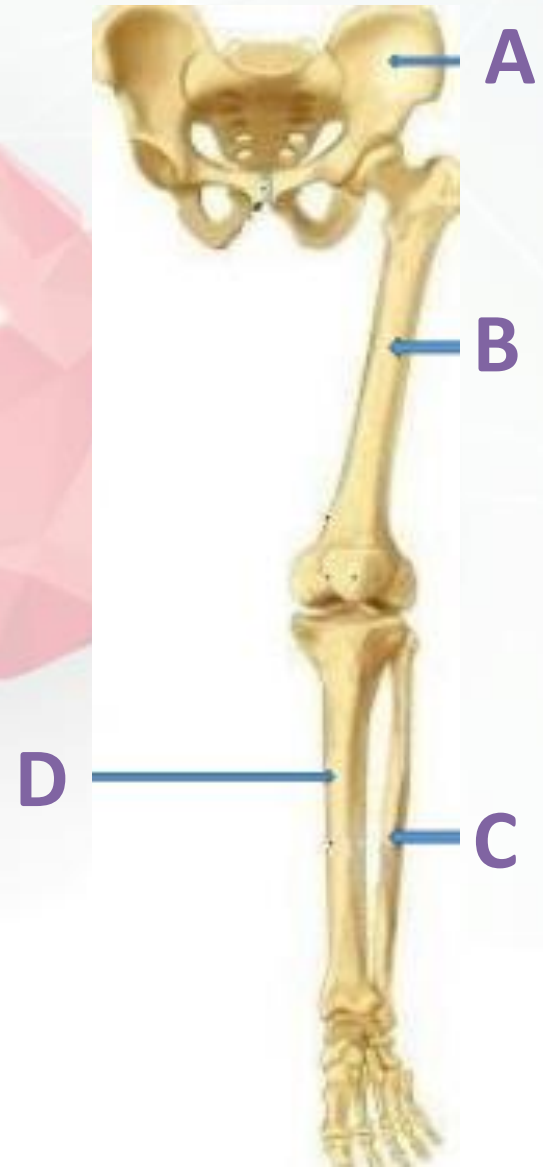
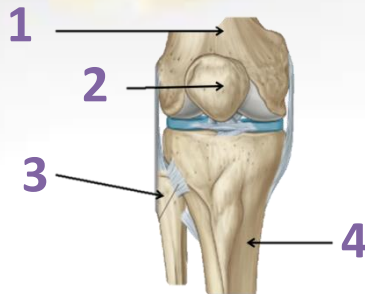
# CASE 2

Identify:A,B,C&D

- A. Hip Bone
- B. Femur
- C. Fibula ( smaller & lateral )
- D. Tibia ( bigger & medial )

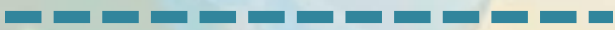
Identify the labeled bones:

- 1. Femur
- 2. Patella
- 3. Fibula (lateral)
- 4. Tibia (medial)

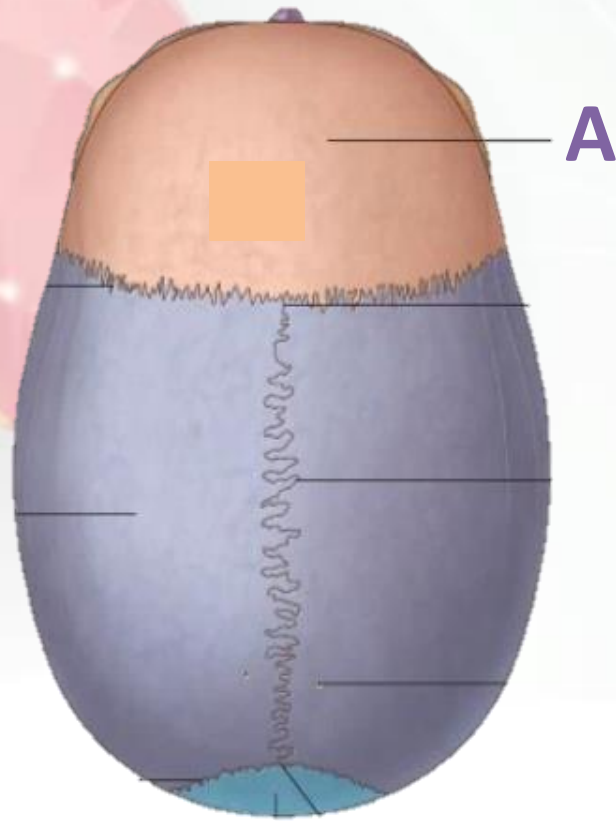


# CASE 3

Identify the type of bone A



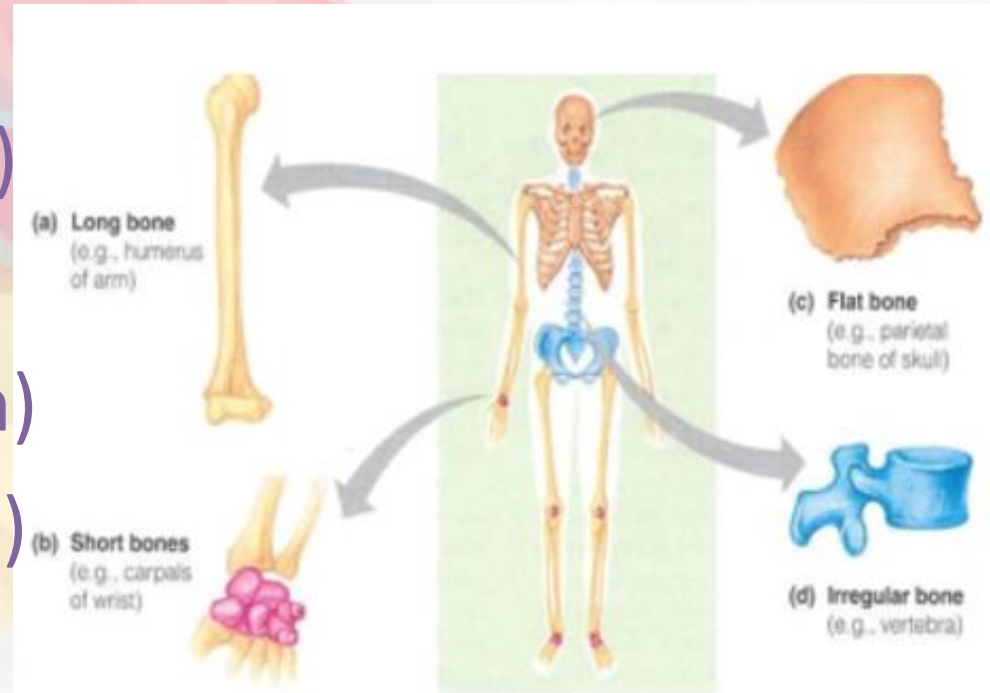
A. Flat bone



# \*Remember

## Types of bones :

- Flat (like this example)
- Irregular (vertebra)
- Long (humerus of arm)
- Short (carpals of wrist)
- Sesamoid (patella)
- Pneumatic (العظام الهوائية مثل الموجود بقلب الجمجمة)

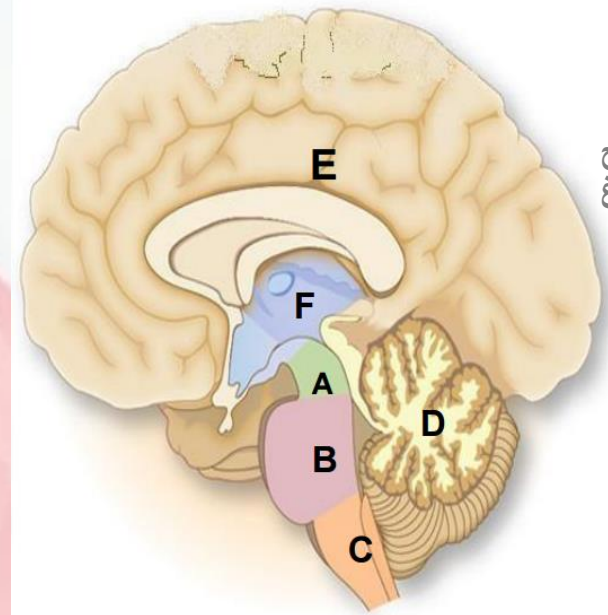


# CASE 4

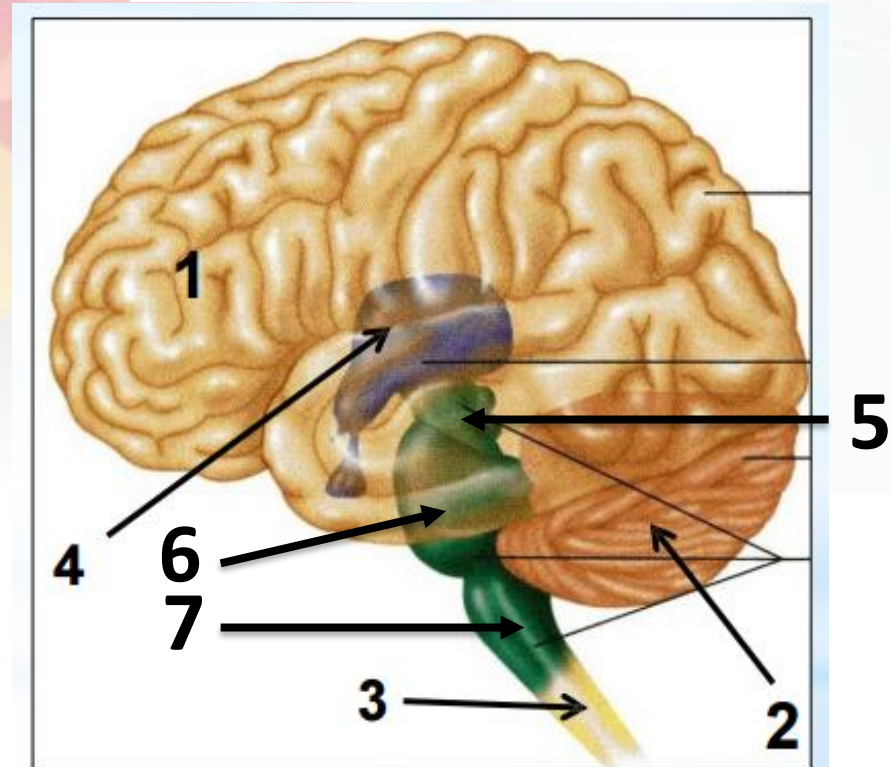
Identify the labeled structures:

- 1. Cerebrum
- 2. Cerebellum
- 3. Spinal cord
- 4. Diencephalon
- 5. Midbrain
- 6. Pons
- 7. Medulla oblongata

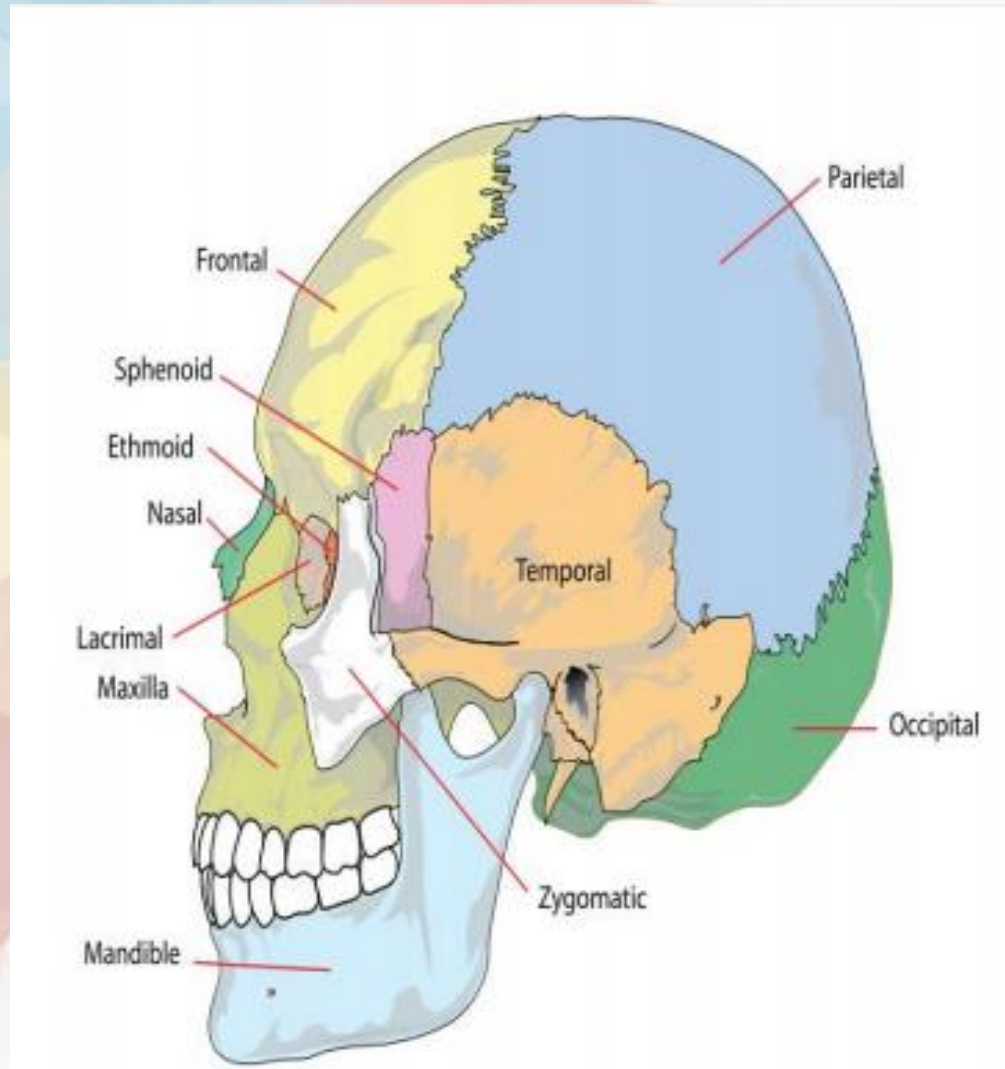
Brain Stem



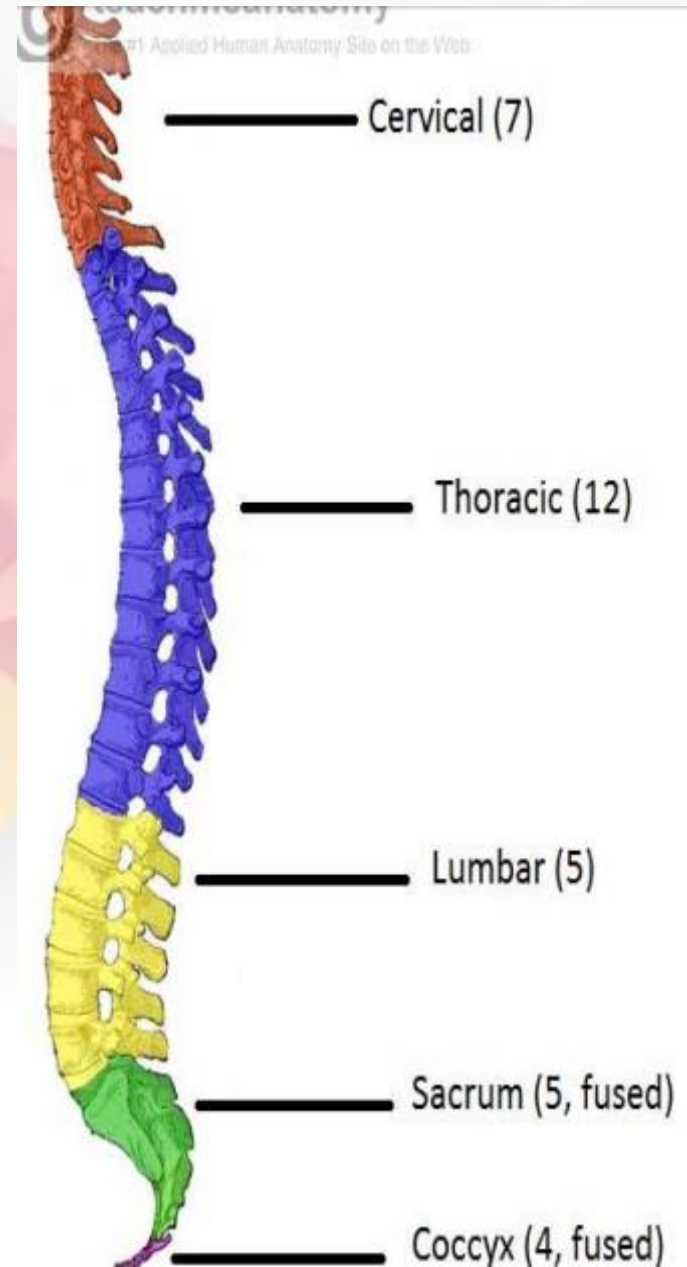
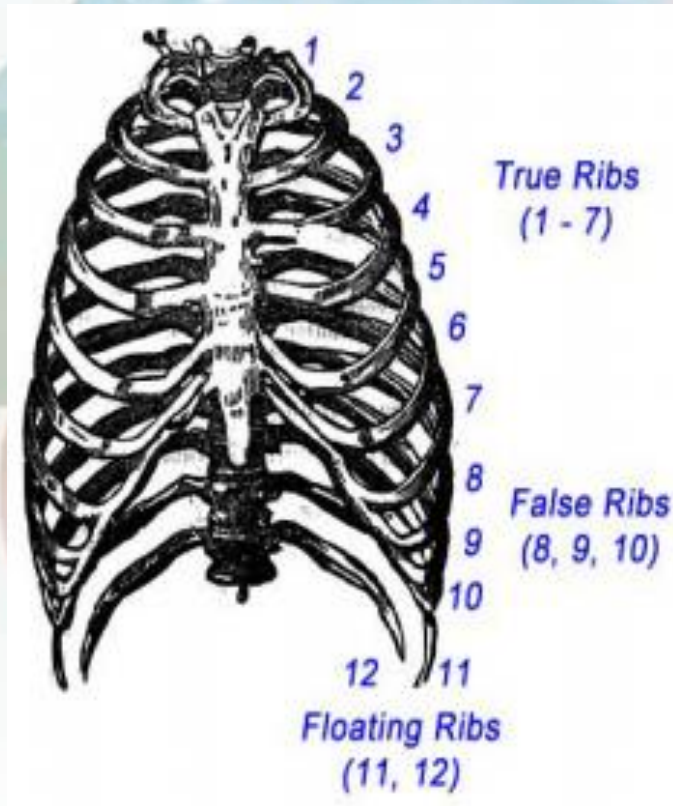
صورة أوضح  
لجذع الدماغ



# \*Remember



# \*Remember



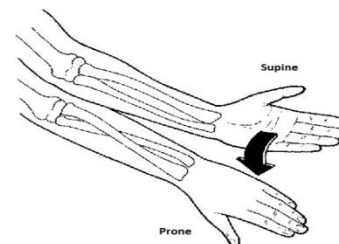
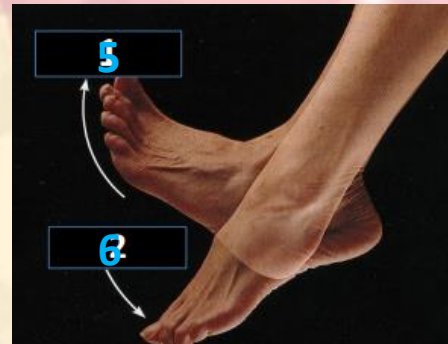
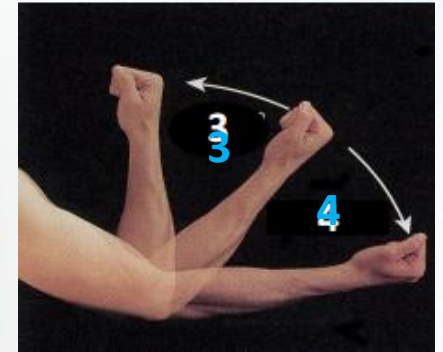
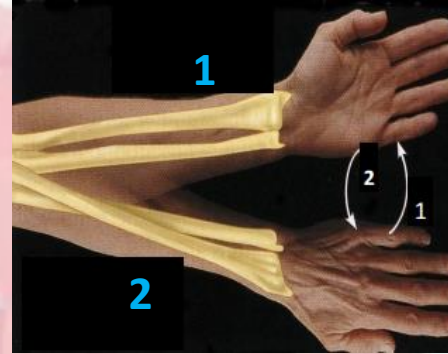


# CASE 5

Identify the numbered movements & the lateral bone in figure 1

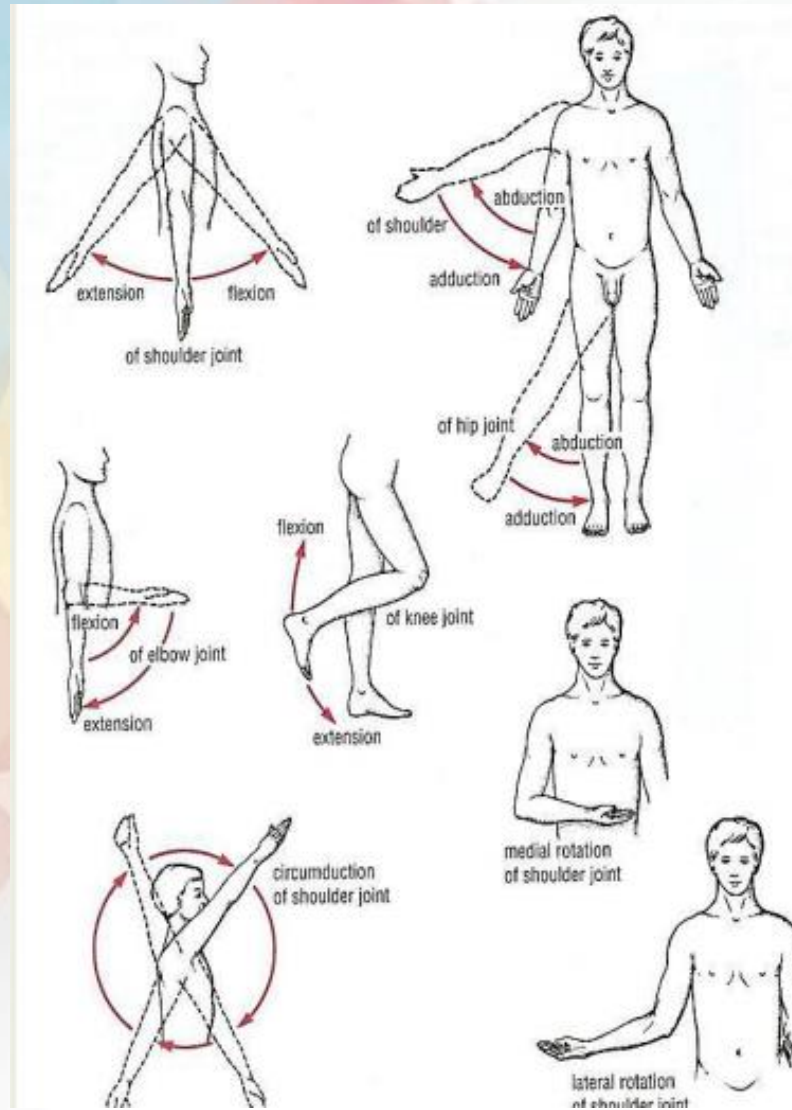
1. Supination
  2. Pronation
  3. Flexion
  4. Extension
  5. Dorsiflexion (ترفع رجلك عن البنزين)
  6. Plantarflexion (فرامل)
  7. Inversion (Inversion ; inside)
  8. Eversion (Outwards)
- lateral bone in figure 1 : **Radius**

Fig(1)



للتوضيح فقط

# \*Remember



# CASE 6

Identify the bones :  
A,B&C

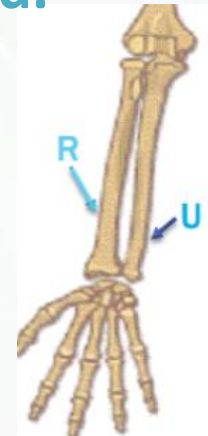
---

- A. Ulna
- B. Radius
- C. 2nd Metacarpal bone

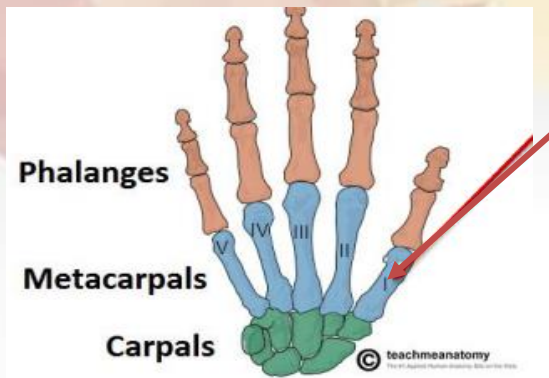


# \*Remember

- The radius lower end is bigger than the ulna lower end.



- To count the metacarpal bones; we start from the thumb.



**باليد نبدأ العد من اللاترل الى الميديال.**  
**عكس القدم نبدأ العد من الميديال الى اللاترل.**

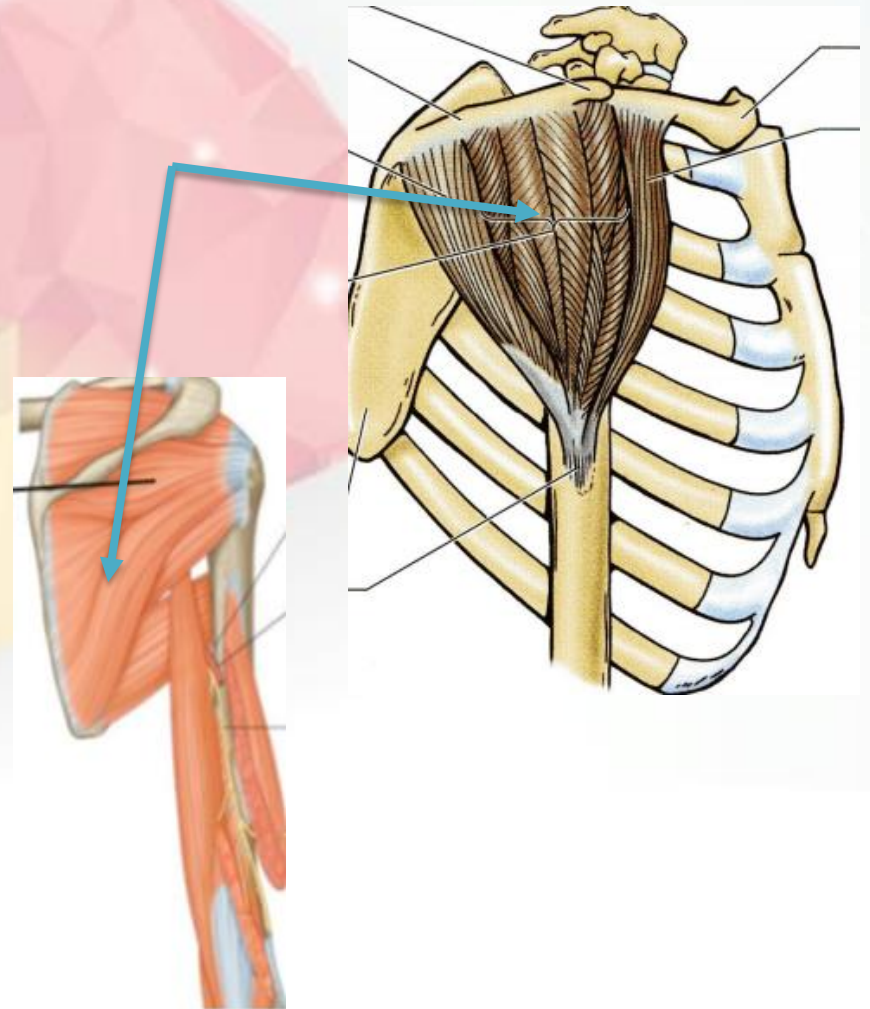
Hand:	Foot:
8 carpals	7 tarsals
5 metacarpals	5 metatarsals
14 phalanges	14 phalanges

# CASE 7

Identify the type of this skeletal muscle:

---

Multipennate



# \*Remember

types of skeletal muscles :

1- Parallel

2- pennate

- Unipennate

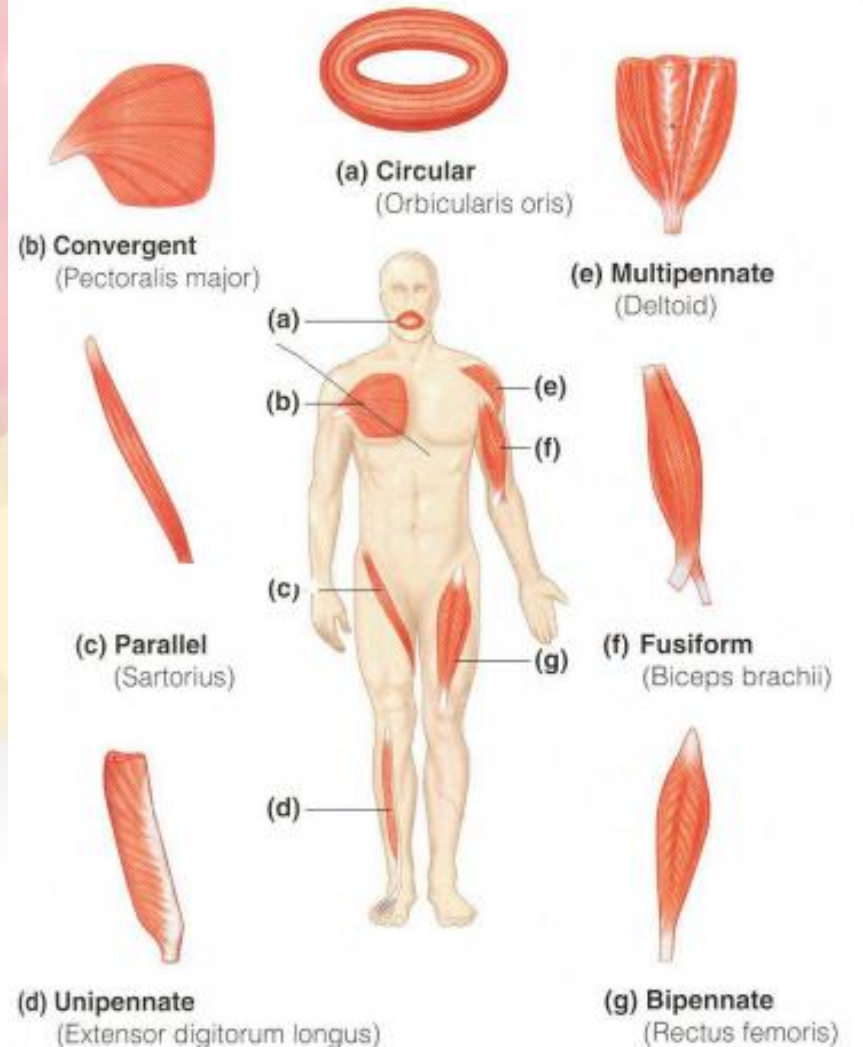
- Bipennate

- Multipennate

3- Fusiform

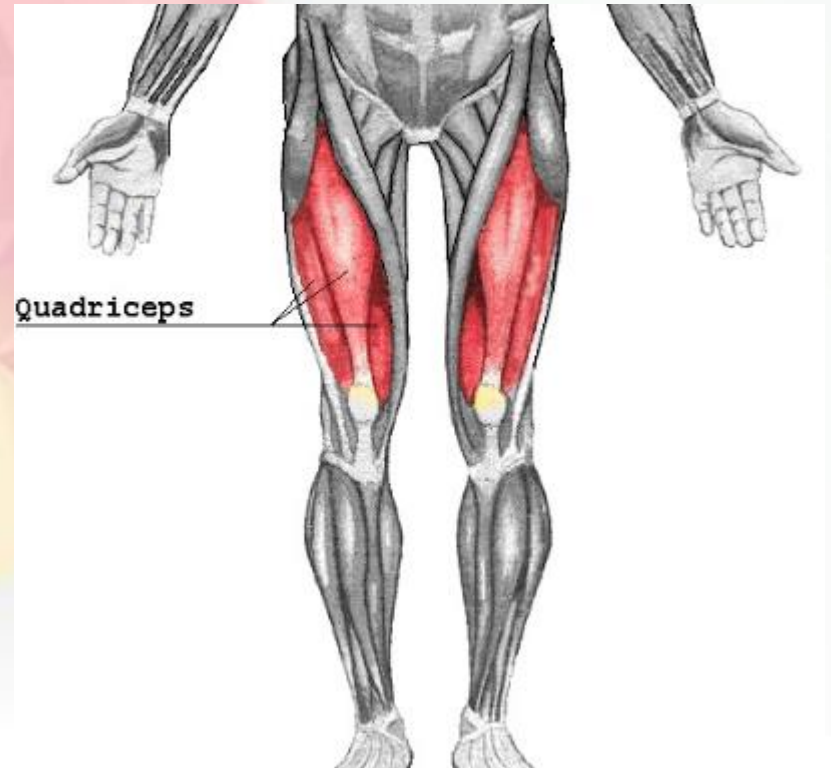
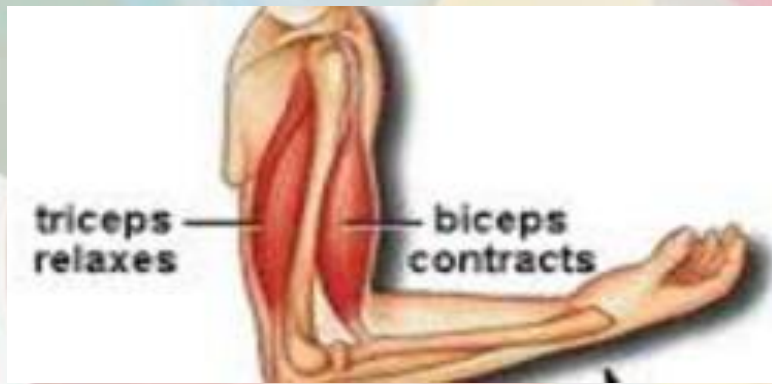
4-Triangular

5-Circular

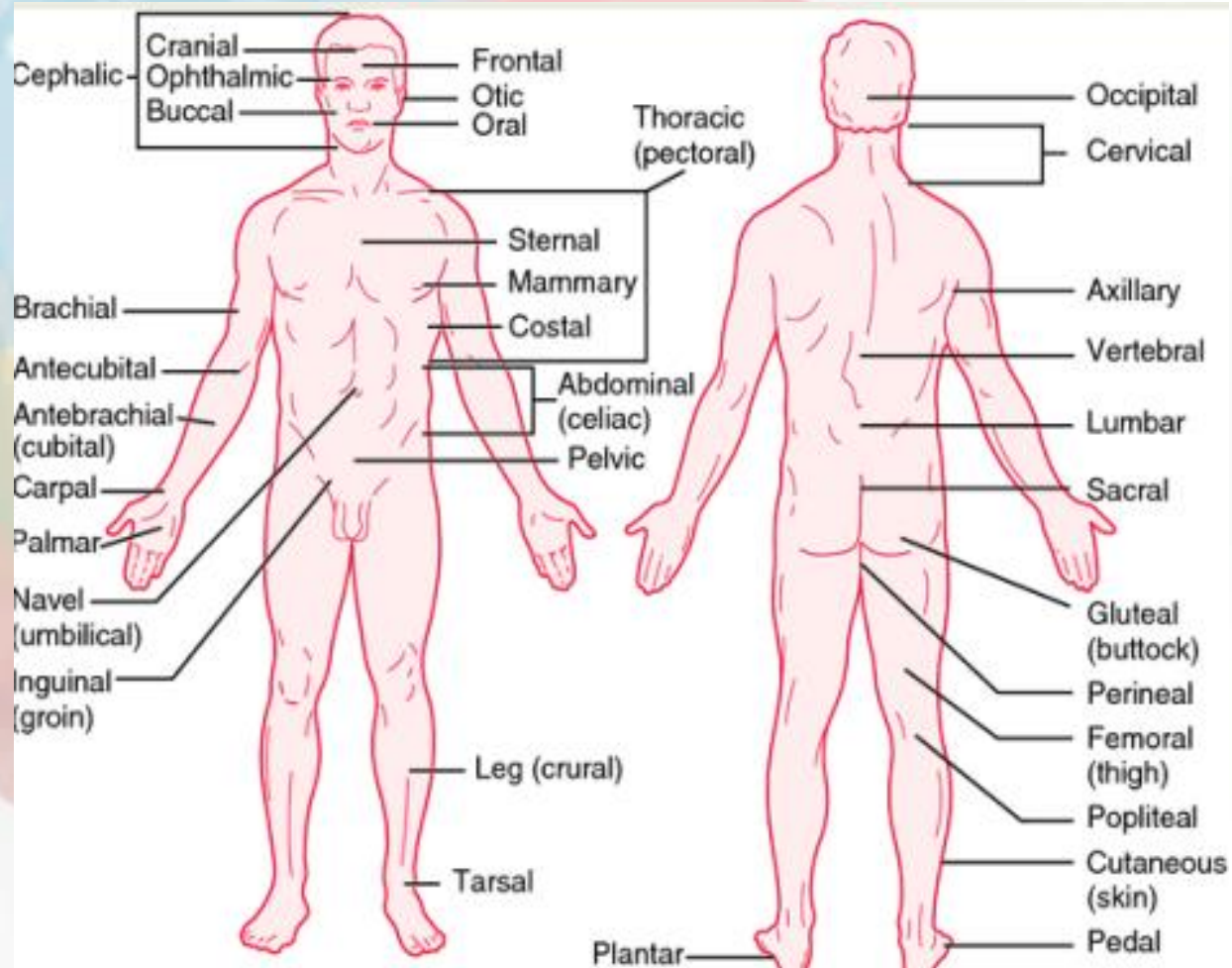


مهم تحفظون مثال على كل نوع

# \*Remember



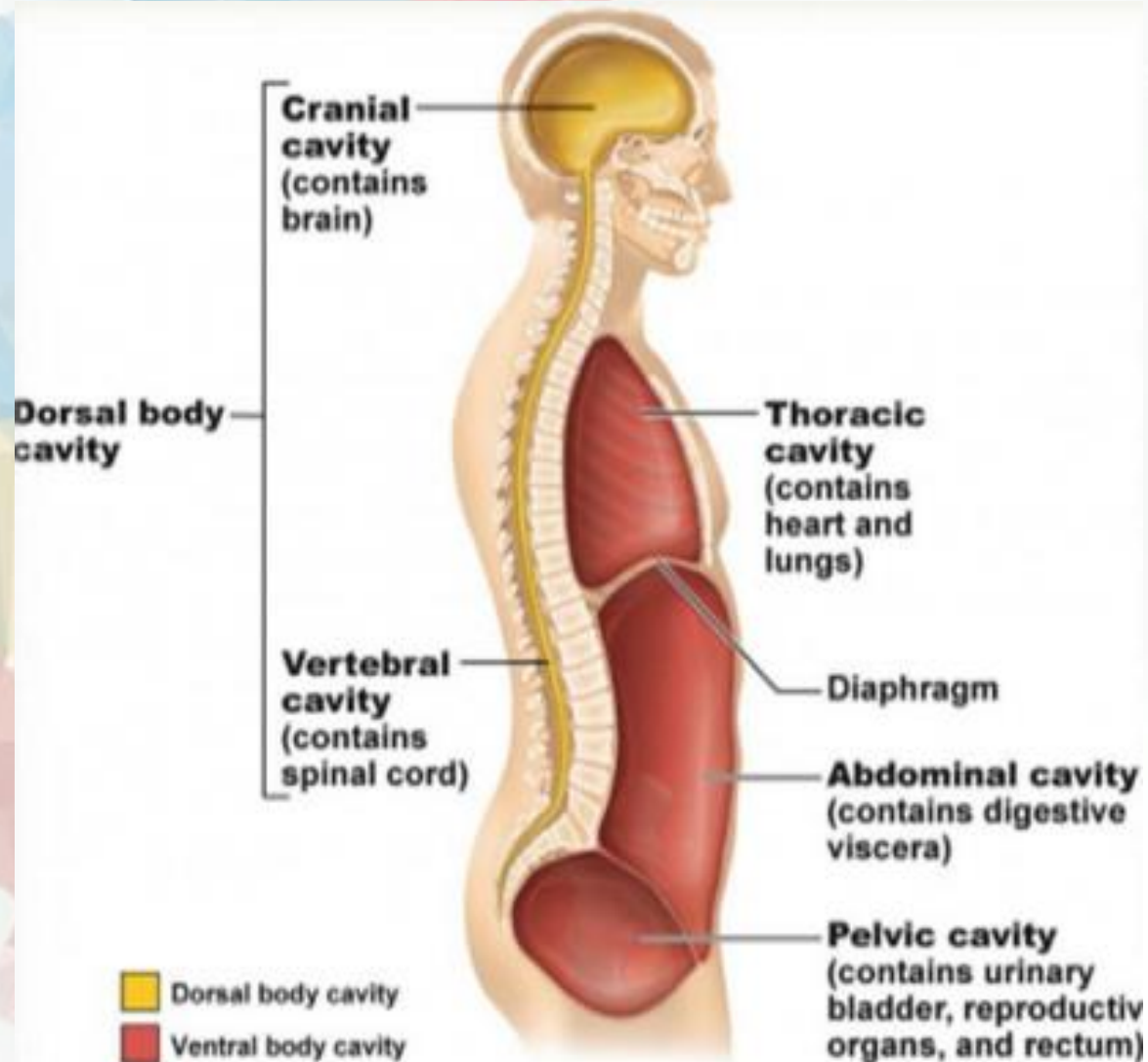
# \*Remember



\*مهم فقط الريجنز



# \*Remember



(a) Lateral view



THAT'S IT

Anatomy OSPE team :

محمد غندور

ندى الدخيل

غادة المزروع

روان القحطاني

THANKS for 435 anatomy team ❤️