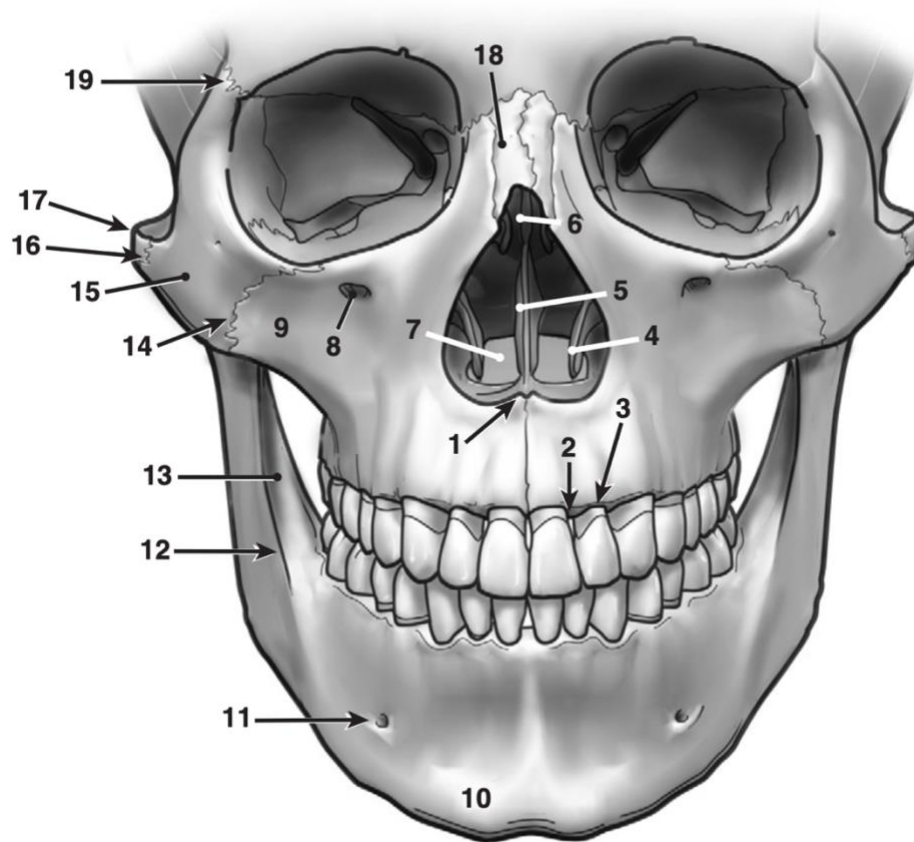


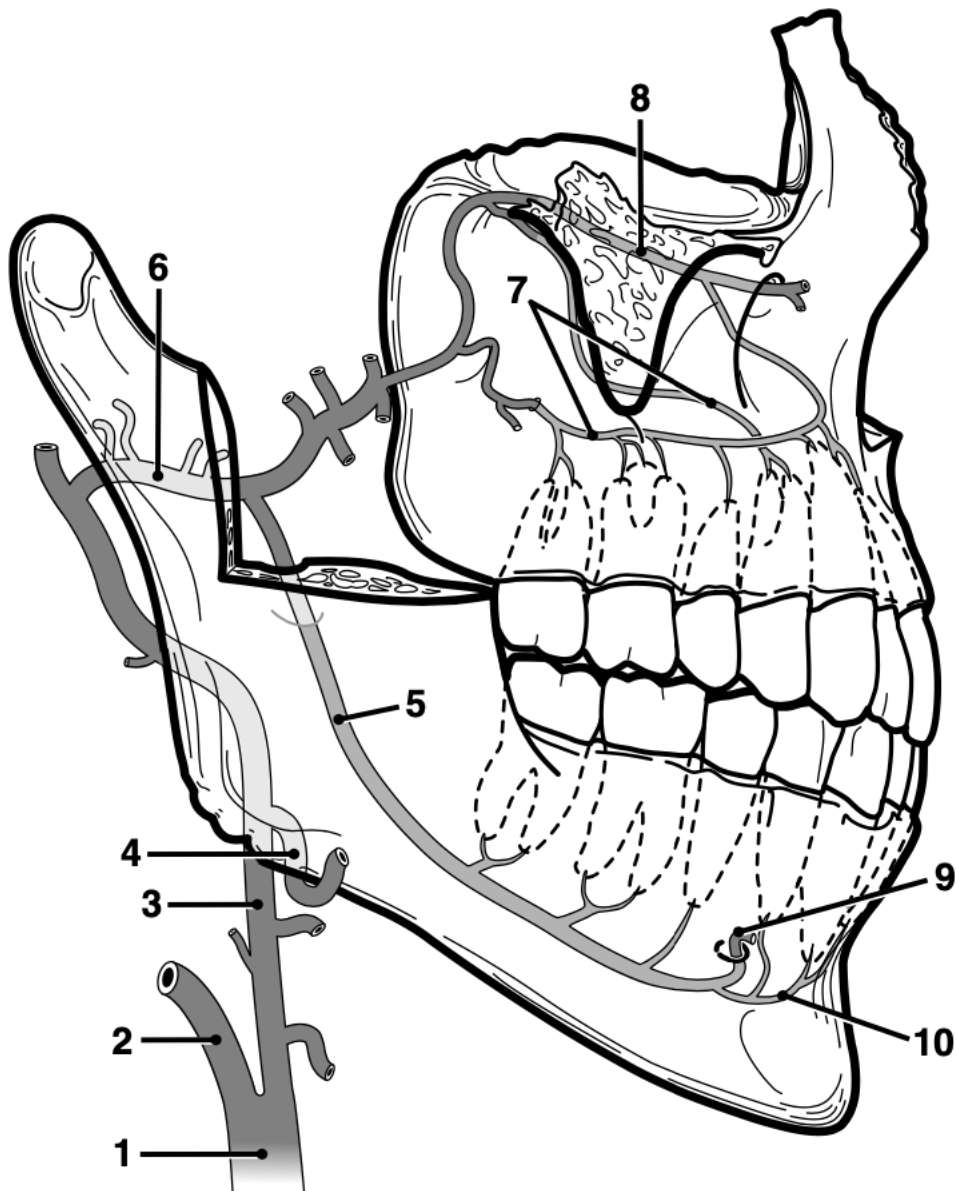
Student Name:

Basic Osteology of the Skull



1. anterior nasal spine
2. interseptal bone
3. crestal alveolar bone
4. inferior turbinate (concha)
5. cartilaginous nasal septum
6. inferior process of ethmoid bone
7. nasal fossa
8. infraorbital foramen
9. zygomatic process of maxilla
10. mental ridge
11. mental foramen
12. external oblique ridge
13. retromolar trigone
14. zygomatico-maxillary suture
15. zygomatic bone
16. zygomatico-temporal suture
17. zygomatic process of temporal bone
18. nasal bone
19. zygomatico-frontal suture

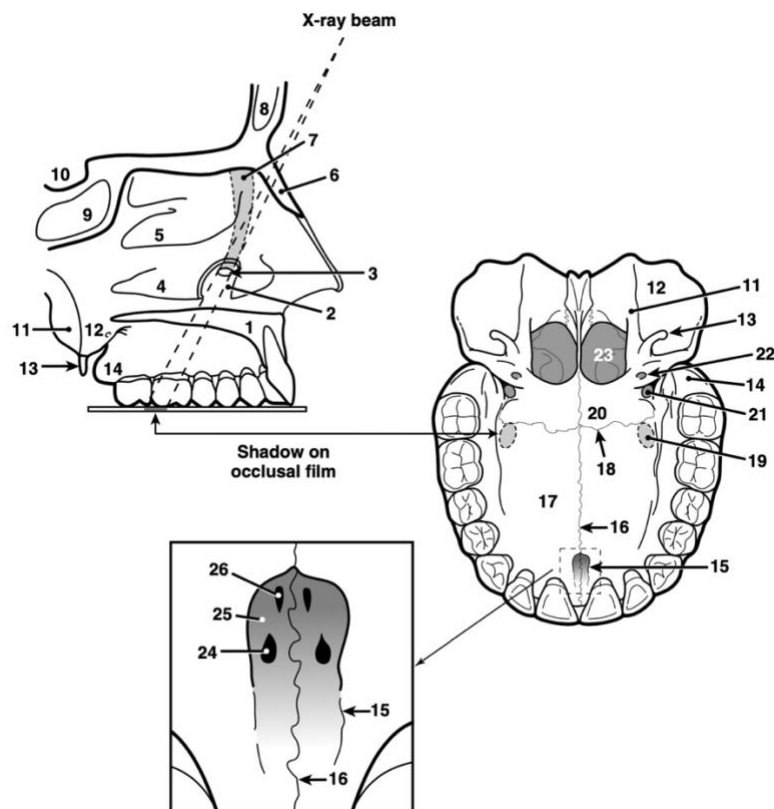
Student Name:



1. common carotid artery
2. external carotid artery
3. internal carotid artery
4. facial artery
5. inferior alveolar artery
6. internal maxillary artery
7. posterior superior alveolar arteries
8. infraorbital artery
9. labial artery
10. incisive artery

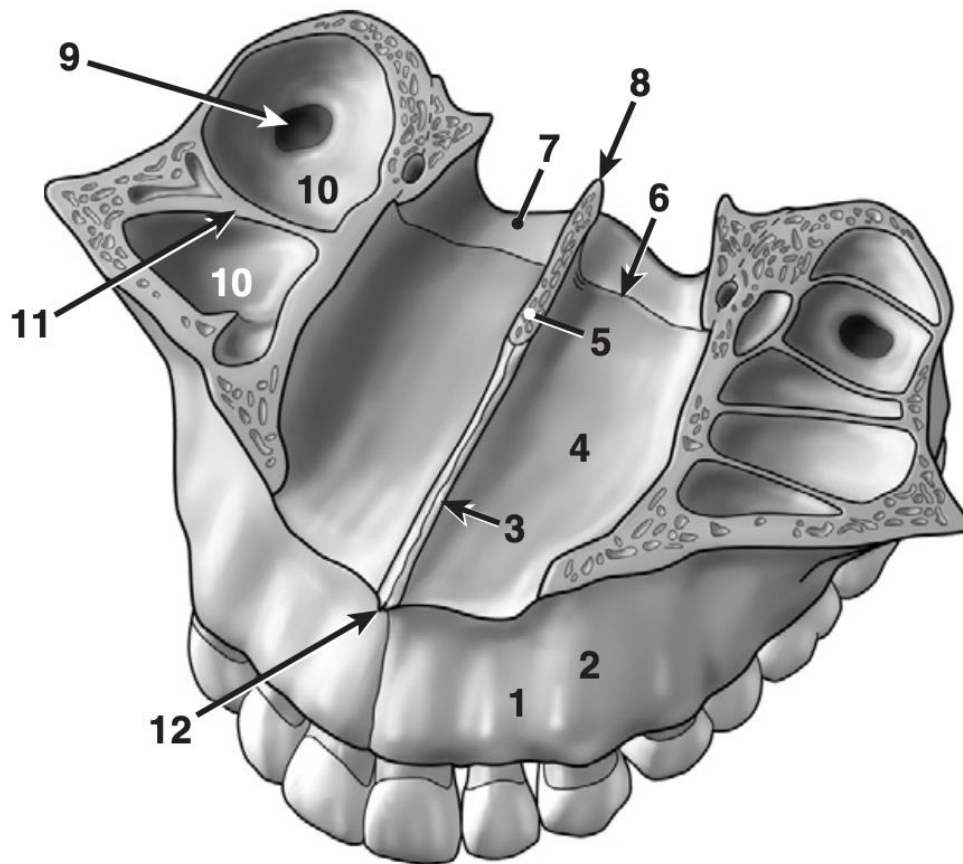
Student Name:

Maxilla



1. hard palate
2. infundibulum
3. ostium of nasolacrimal canal
4. inferior turbinate
5. middle turbinate
6. nasal bone
7. nasolacrimal canal
8. frontal sinus
9. sphenoid sinus
10. pituitary fossa
11. medial pterygoid plate
12. lateral pterygoid plate
13. hamular process of medial pterygoid plate (hamulus)
14. maxillary tuberosity
15. incisive foramen
16. median maxillary suture (midpalatal suture)
17. palatal process of maxilla
18. palato-maxillary suture (transverse)
19. shadow of nasolacrimal duct
20. palatine bone
21. greater palatine foramen
22. lesser palatine foramen
23. posterior nares
24. foramen of Stenson
25. incisive canal
26. foramen of Scarpa

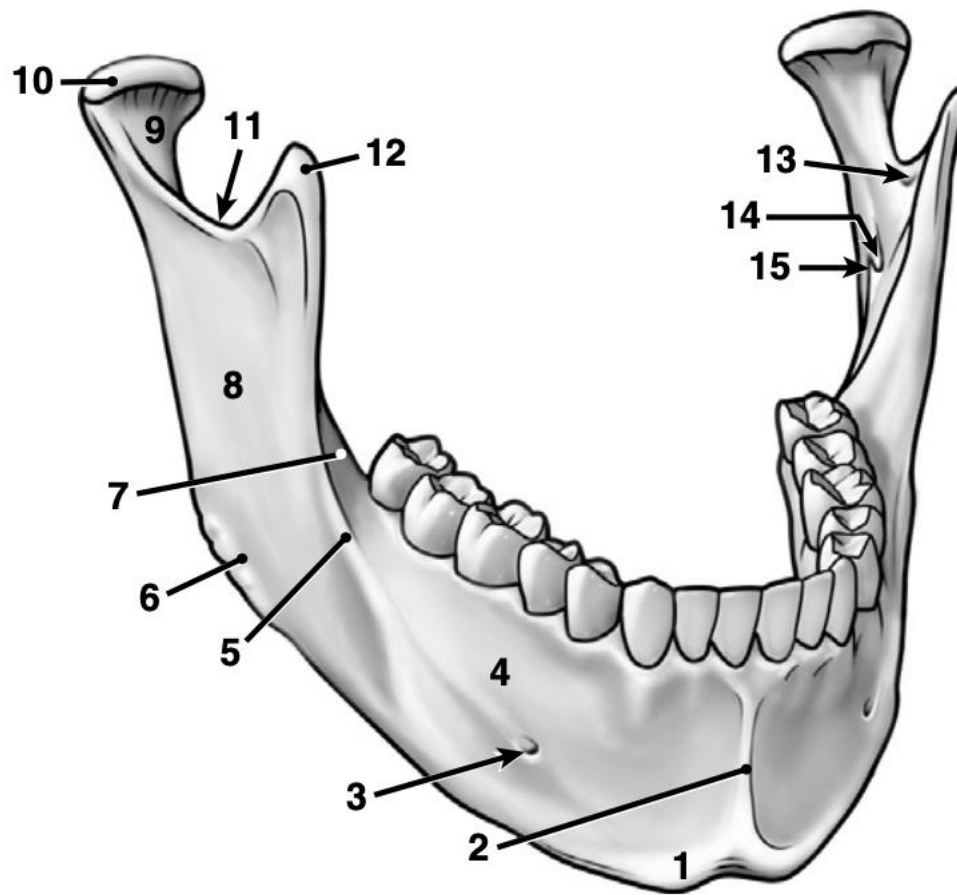
Student Name:



1. lateral fossa
2. maxilla
3. vertical process of maxilla
4. floor of nasal fossa
5. vomer bone
6. palato-maxillary suture
7. palatal bone
8. posterior nasal spine
9. sinus recess / alveolar recess of sinus
10. maxillary sinus
11. bony septum of maxillary sinus
12. anterior nasal spine

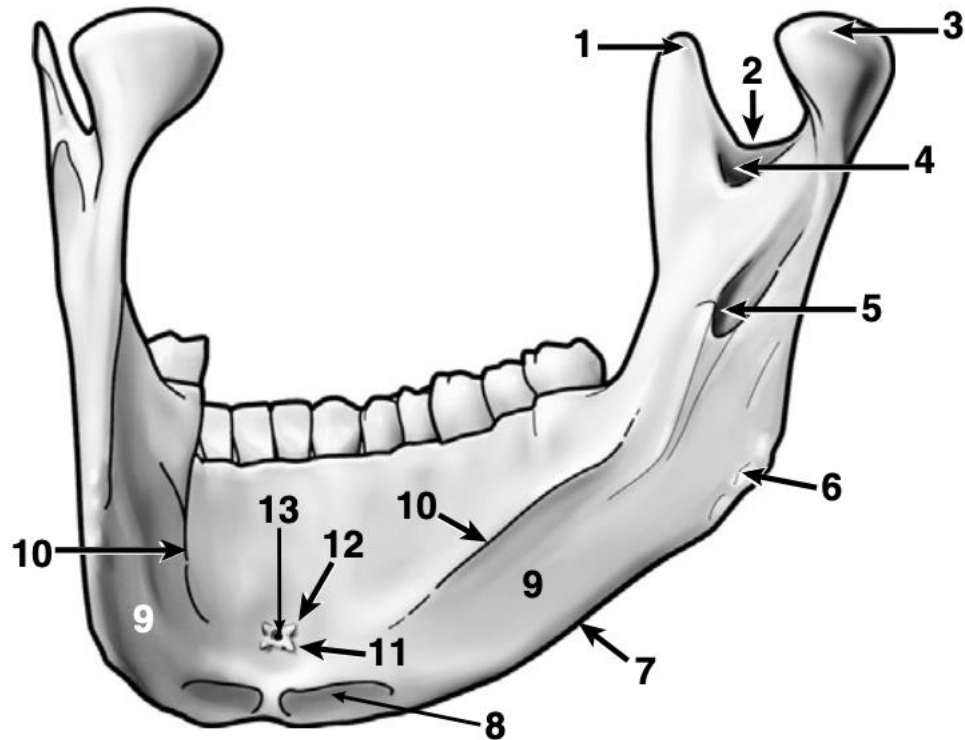
Student Name:

Mandible



1. mental ridge
2. mandibular symphysis
3. mental foramen
4. mandibular body
5. external oblique ridge
6. angle of mandible
7. retromolar trigone
8. ramus
9. neck of condyle
10. head of condyle
11. sigmoid notch
12. coronoid process
13. medial sigmoid depression
14. mandibular foramen
15. lingula

Student Name:



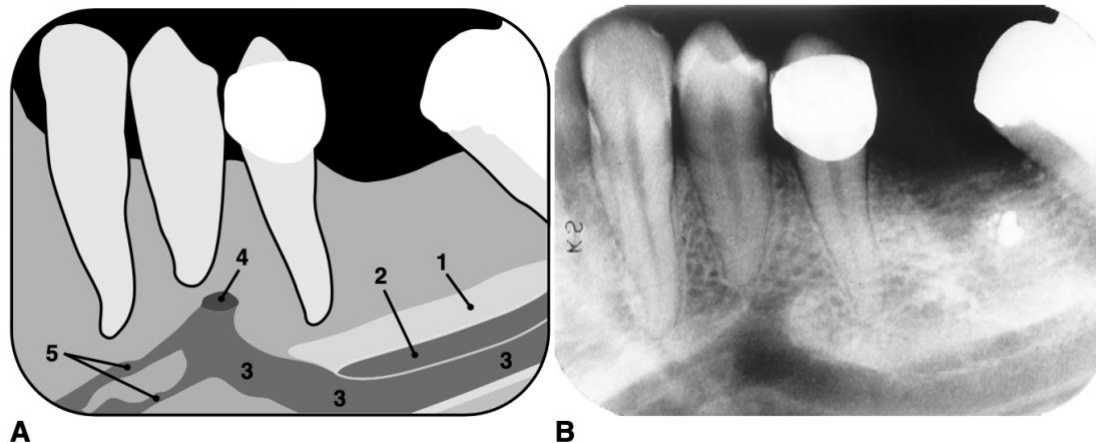
1. coronoid process
2. sigmoid notch
3. head of condyle
4. medial sigmoid depression
5. mandibular foramen
6. angle of mandible
7. inferior cortex of mandible
8. digastric fossa
9. submandibular (salivary gland) fossa
10. mylohyoid (internal oblique) ridge
11. inferior genial tubercle of geniohyoid muscle
12. superior genial tubercle of genioglossus muscle
13. accessory lingual foramen for lingual vessels (lingual foramen)

Student Name:

Exercises

- Identify the type of x-ray
- Identify anatomical structures / landmarks

Example)



Q. Type of x-ray?

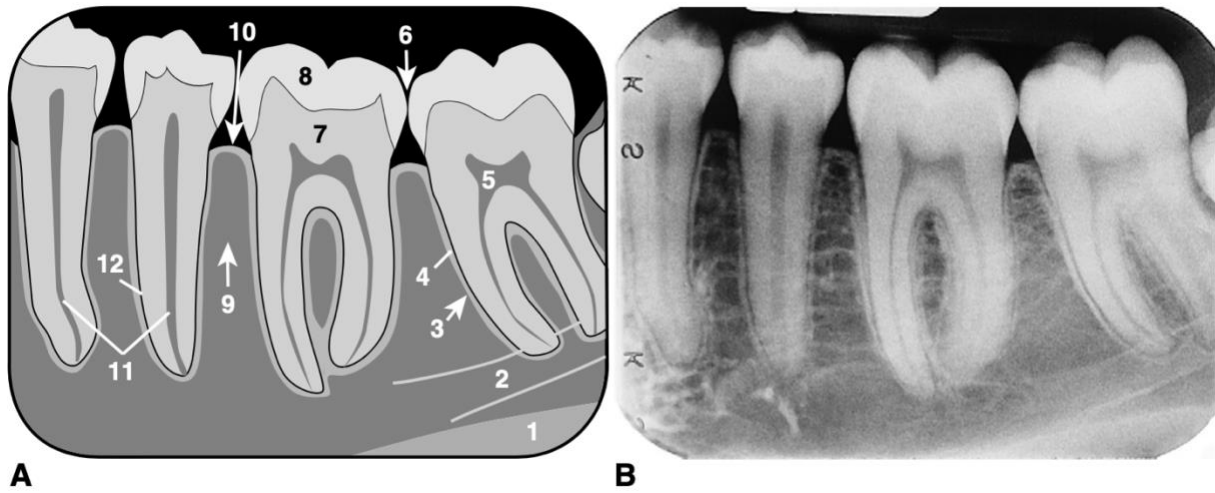
A: Periapical radiograph (PA) of 35, 34, 33 → In radiology, Tooth # is counted from 18-28 (right to left), 38-48 (left to right)

Q. Anatomical structures/landmarks?

A:

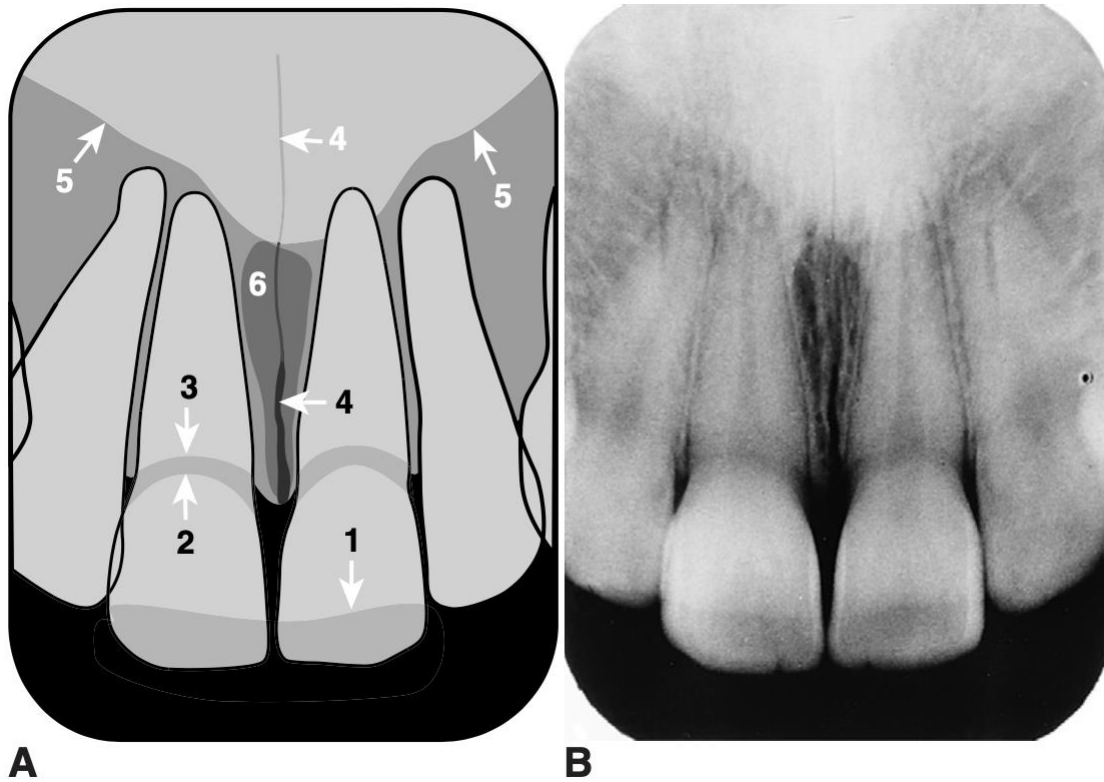
- 1. Mylohyoid ridge / internal oblique ridge
- 2. Submandibular fossa (left)
- 3. Left mandibular canal OR Left inferior dental/alveolar canal
- 4. Left mental foramen
- 5. Incisive branches & anterior loop of the mandibular canal

Student Name:



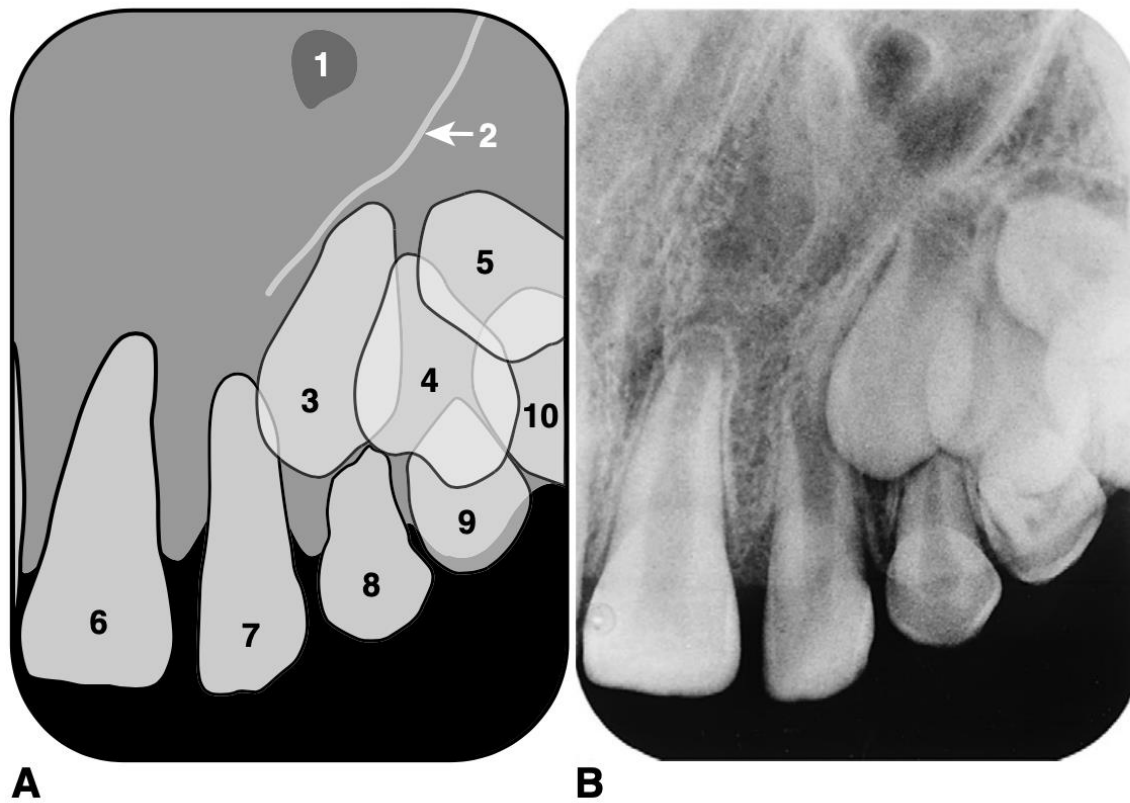
1. inferior cortex of mandible
2. inferior alveolar canal
3. lamina dura (radiopaque thin white line)
4. periodontal membrane space (radiolucent thin black line)
5. coronal pulp space (pulp chamber)
6. interproximal contact point
7. dentin
8. enamel
9. interseptal alveolar bone (interradicular alveolar bone)
10. crestal plate (thin white radiopaque line)
11. root canal space (containing the dental pulp)
12. cementum (frequently not distinguishable from the subadjacent dentin unless hypercementosis is present)

Student Name:



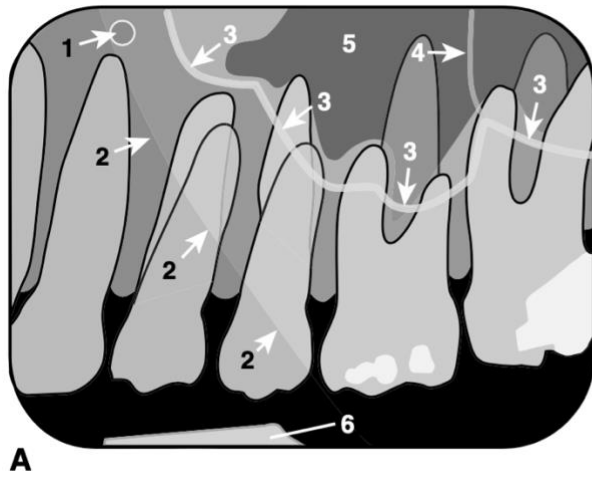
1. soft tissue shadow of upper lip
2. cervical margin (line) of enamel
3. alveolar bone margin (dark band between 2 and 3 is the root)
4. median maxillary suture
5. soft tissue outline of nose
6. incisive foramen

Student Name:



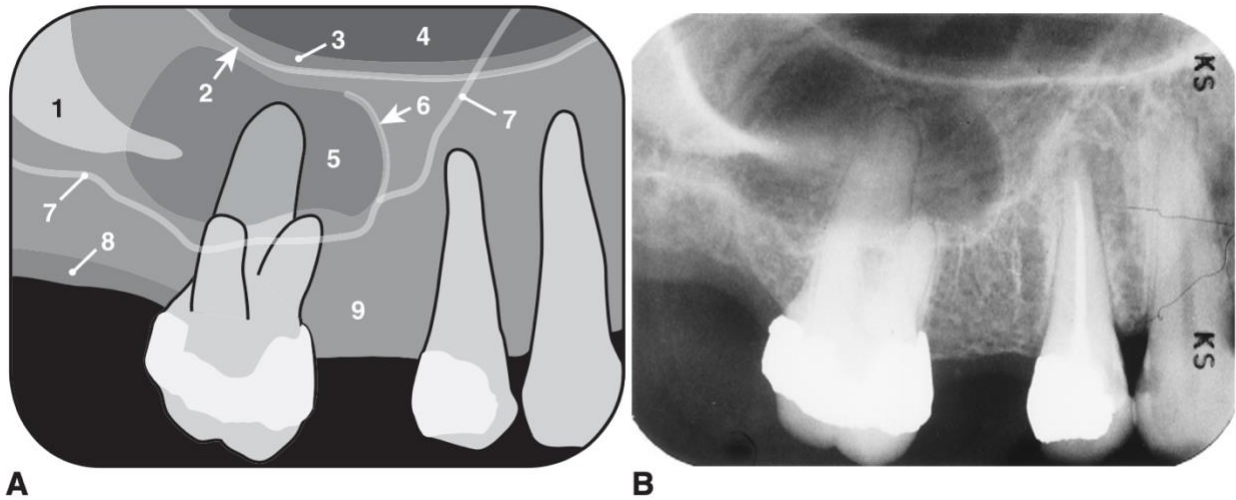
1. orifice of nasolacrimonal duct (at infundibulum of the inferior turbinate not seen)
2. lateral wall of nasal fossa
3. #23
4. #24
5. #25
6. #21
7. #22
8. #63
9. #64
10. #65

Student Name:



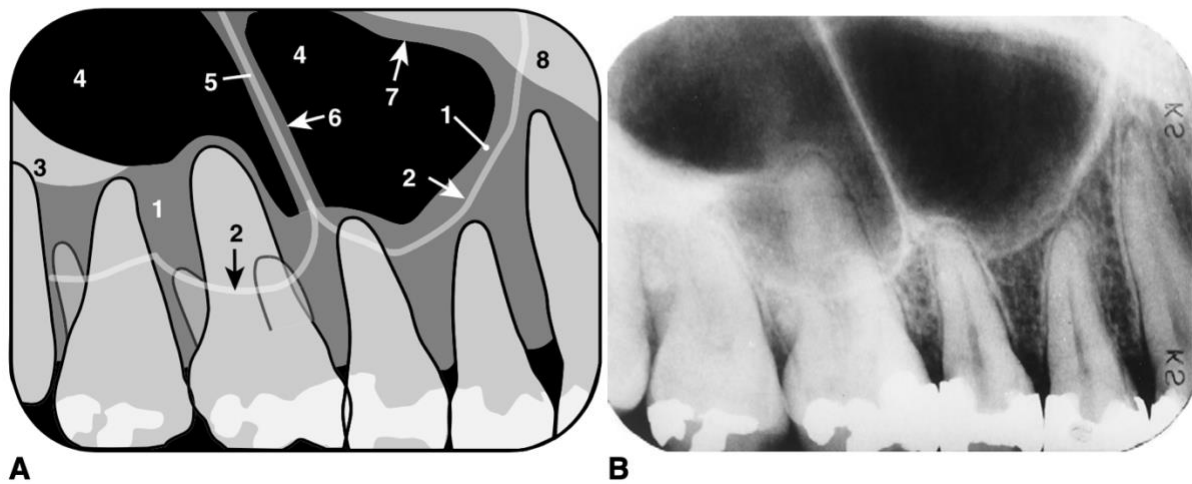
1. embossed dot on film
2. soft tissue outline of nasolabial fold
3. floor of maxillary sinus
4. bony septum in maxillary sinus
5. air space of maxillary sinus
6. metal part in bite-block

Student Name:



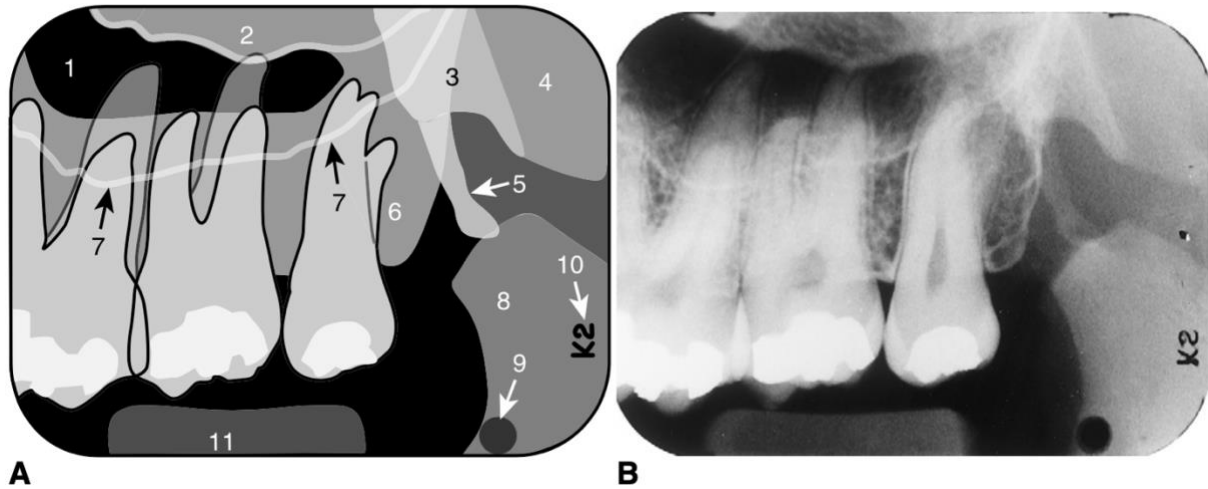
1. zygomatic process of maxilla
2. hard palate/floor of nose
3. nasal mucosa
4. nasal cavity
5. maxillary sinus air space
6. sinus septum
7. floor of maxillary sinus
8. mucosa of alveolar ridge
9. alveolar bone of maxilla

Student Name:



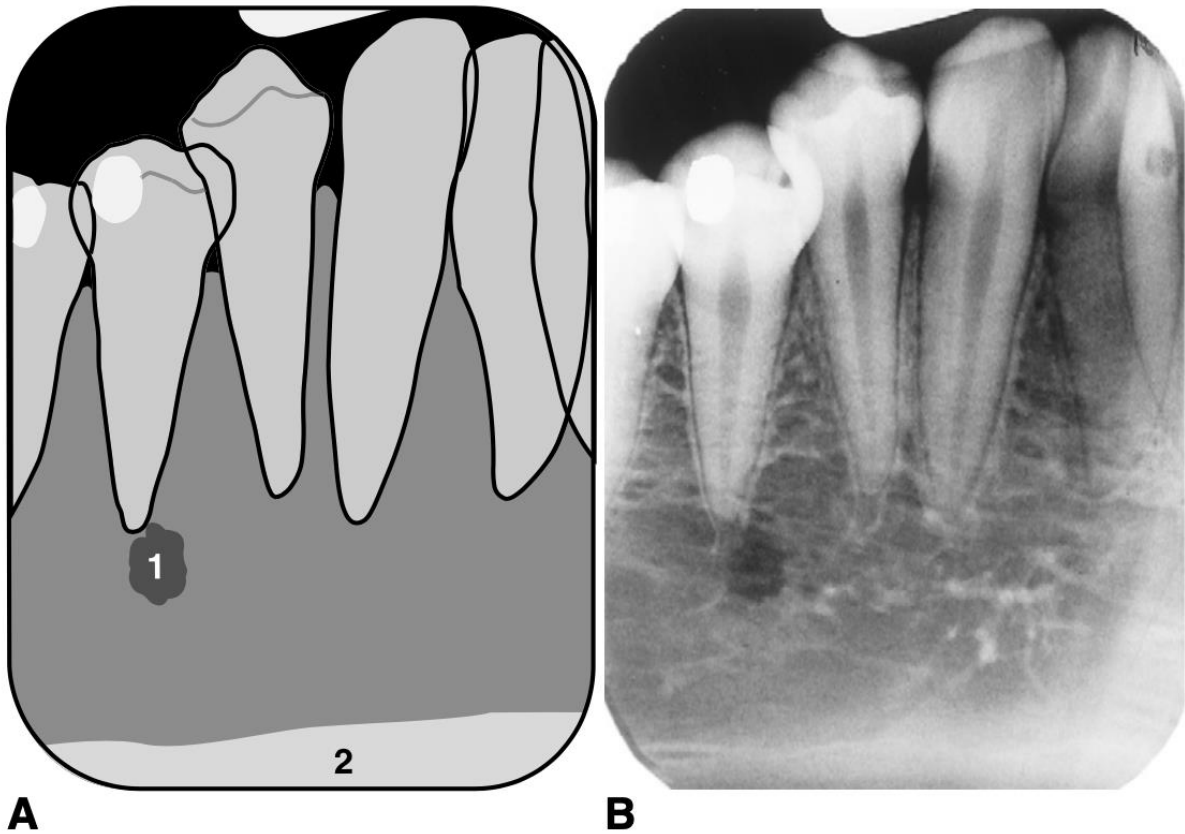
1. sinus floor mucosa
2. floor of maxillary sinus
3. zygomatic process of maxilla
4. air space of maxillary sinus
5. bony septum in maxillary sinus
6. sinus mucosa on both sides of septum
7. mucosal lining
8. soft tissue superimposition

Student Name:



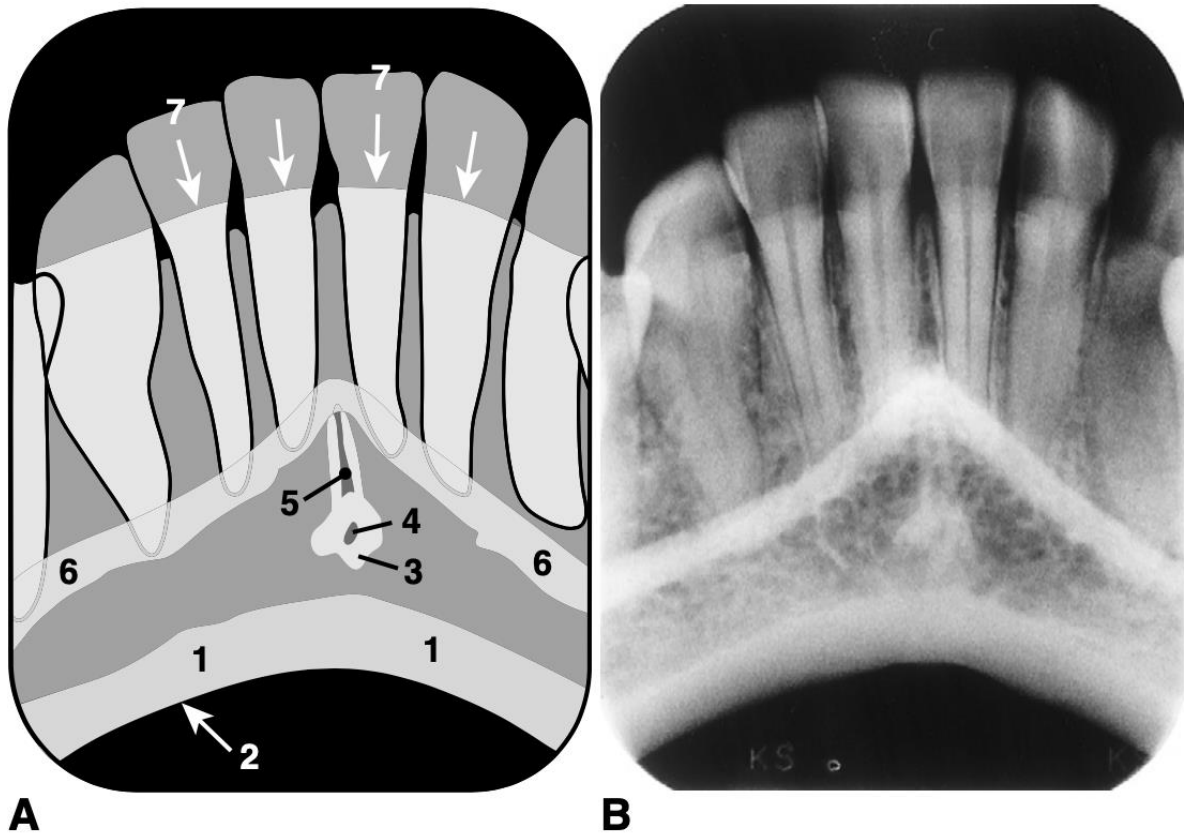
1. maxillary sinus air space
2. zygomatic arch
3. medial pterygoid plate
4. lateral pterygoid plate
5. hamular process of medial pterygoid plate
6. maxillary tuberosity
7. floor of maxillary sinus
8. coronoid process of mandible
9. embossed dot in film
10. "ks" marking indicating "D" speed film
11. bite-block

Student Name:



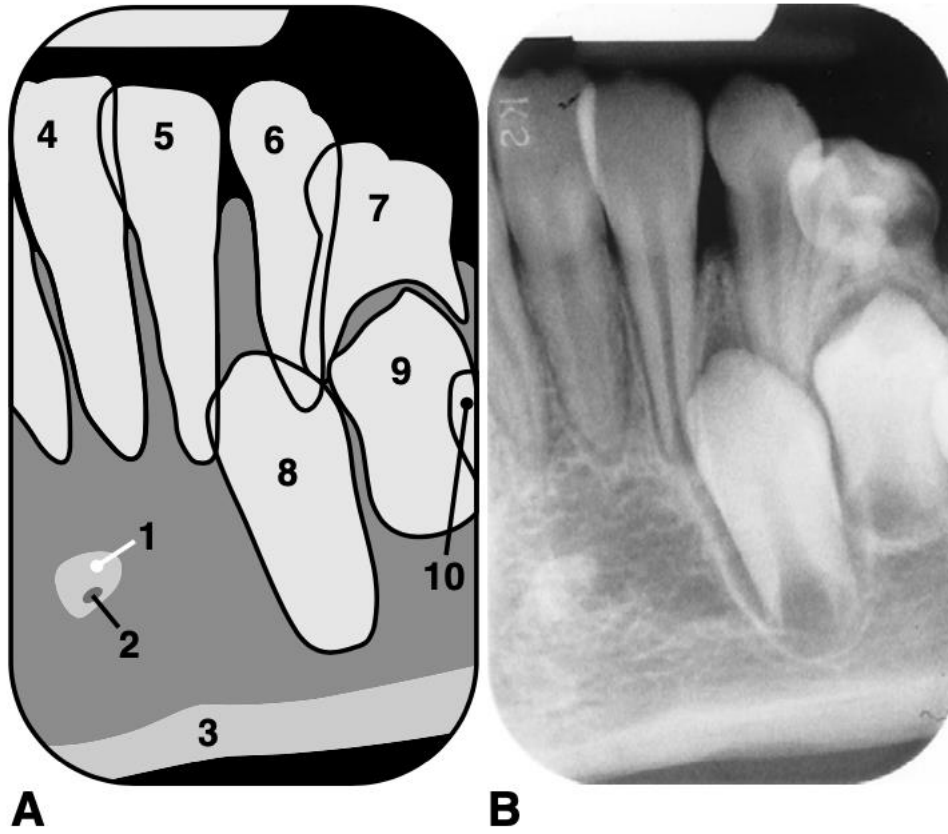
1. mental foramen (does not usually have a corticated margin)
2. inferior cortex of mandible

Student Name:



1. inferior cortex
2. inferior cortical border
3. genial tubercles
4. lingual foramen
5. lingual canal
6. mental ridge
7. soft tissue shadow of lower lip

Student Name:



1. genial tubercles
2. lingual foramen
3. inferior cortex
4. #31
5. #32
6. #73
7. #74
8. #33
9. #34
10. #35