

INTRODUCTION TO DENTISTRY

LEC NO. : <u>3</u> DONE BY : <u>Safa Al-rawadich</u>

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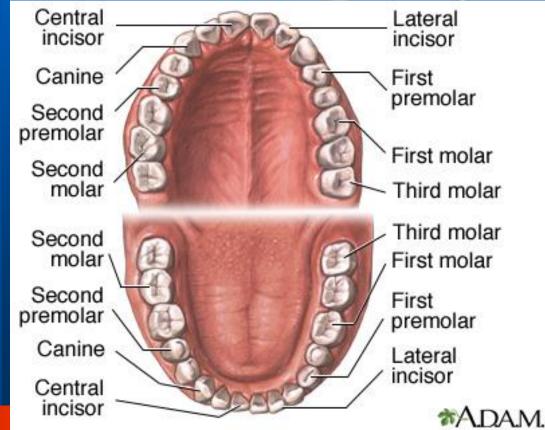




Tooth classification & numbering systems

Dr. Reda Gaber Associate Professor of Oral Biology Faculty of Dentistry

Tooth classification & numbering systems

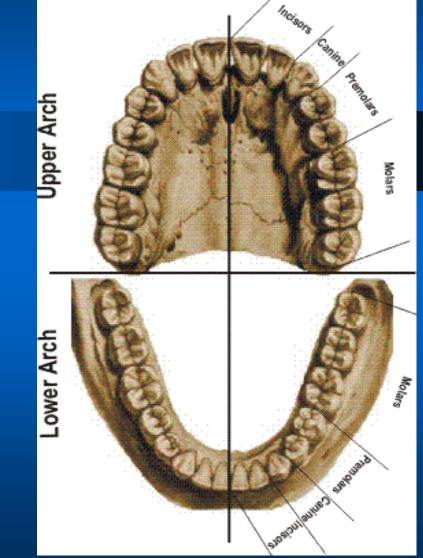


The Jaws





Dental Arches

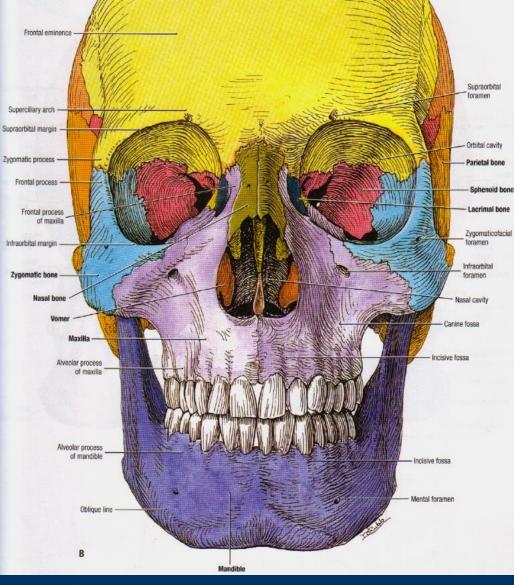


The Jaws and Dental Arches

• A. The maxilla is two bones forming

the upper jaw; they are rigidly attached to the skull.

 B. The mandible is a horse-shoe shaped bone which articulates with the skull by way of the temporo-mandibular joint the TMJ. = hower



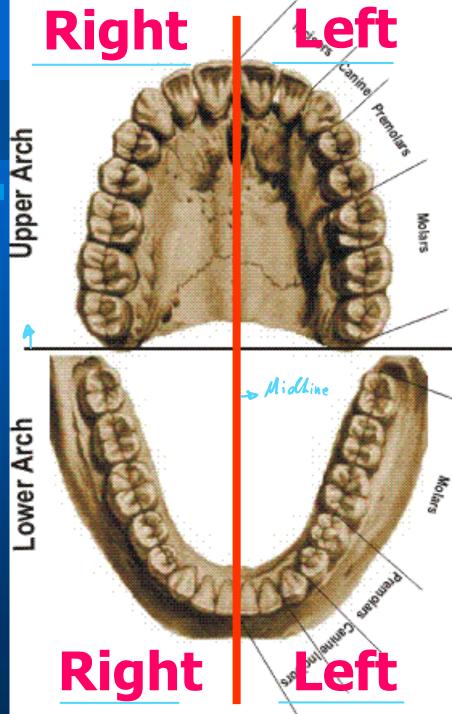
joint the TMJ. = hower Jan = hower arch = and we can say it's hower Maxilla

Quadrants: Right and Lift for patient right & left quadrants

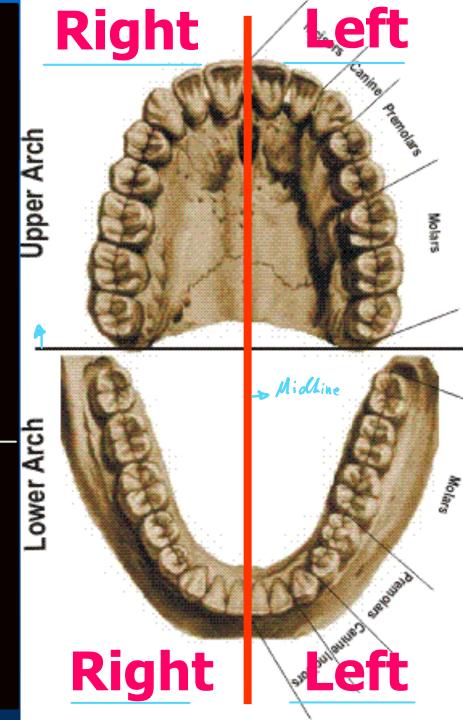
Maxillary right and left.

Mandibular right and left.

4 Quadrants



we have 2 hine in the oral cavity of 1-occlusal Line which divide the oral cavity to upper and hower. 2 - Mid Line which divid the oral eavily to Left and right. Left and vight bor patient



Types of Teeth



Anterior Teeth for cutting & tearing b upper food

Posterior Teeth Tearing & grinding ~ upper ~ bower Lo bower

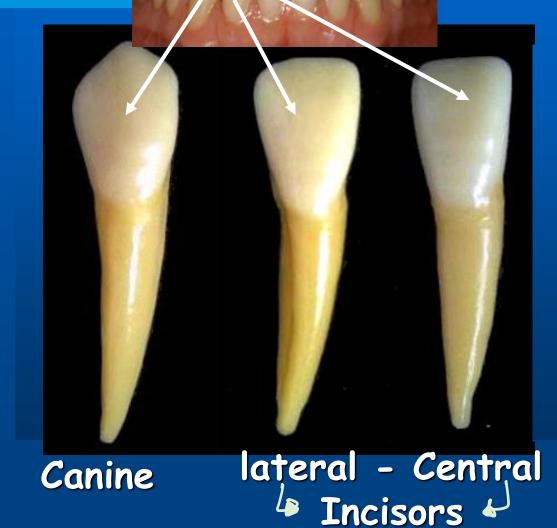


Anterior Teeth - Upper

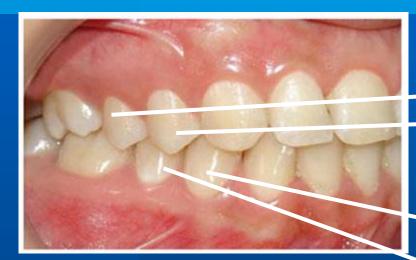


Canine lateral Central

Anterior Teeth - Lower



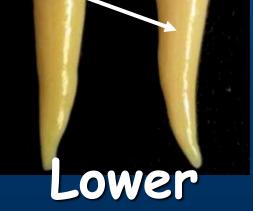








First premolar "upper & "hower Second premolar





Molars: Bropper bhower



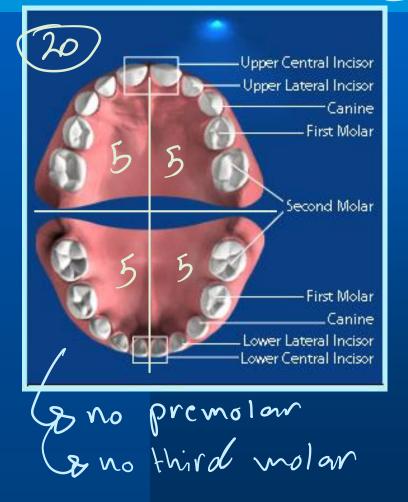
First & second

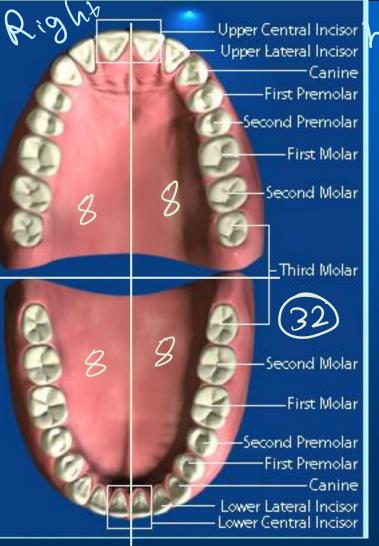
Wisdom tooth = Third permanent molar

Sust in permanent

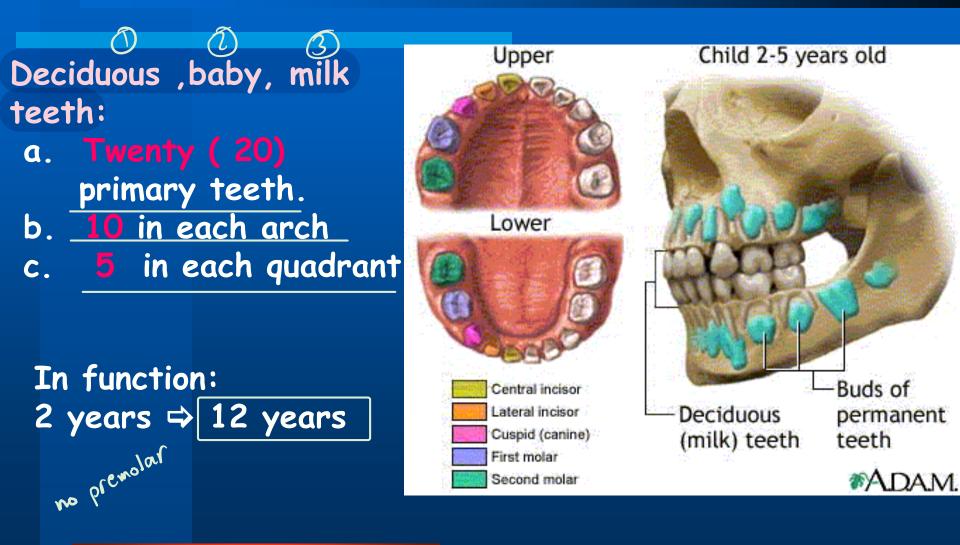
Lower

Types of Dentitions: Primary & Permanent Dentition





Types of Dentitions: I-Primary Dentition



I-Primary Dentition



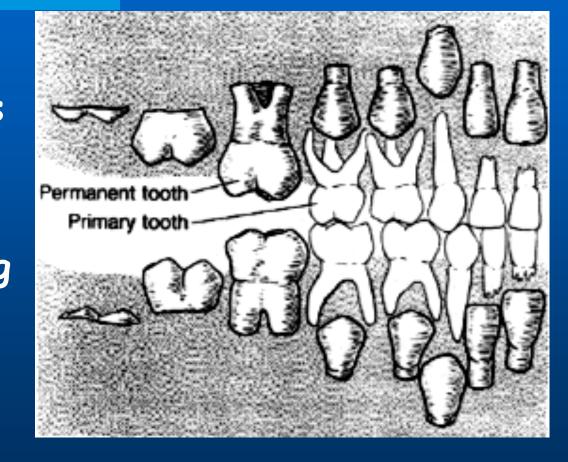
2ycars -> 6ycars



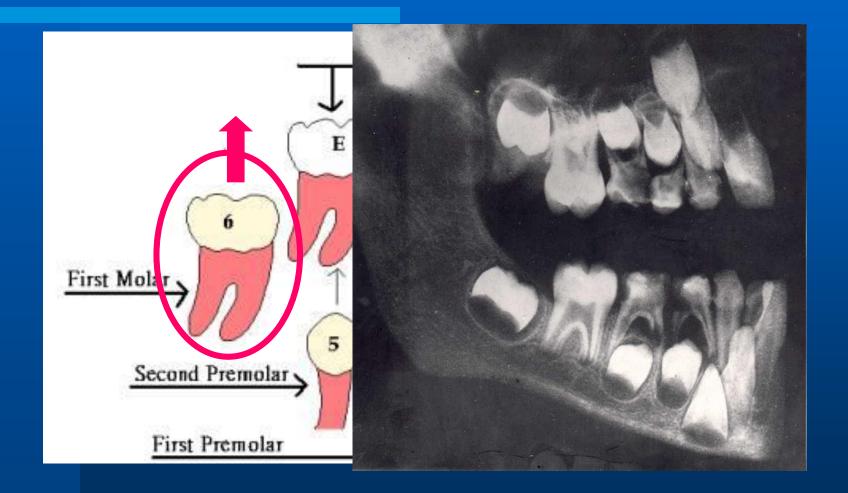


Mixed Dentition Period

6 years ⇒ 12 years Eruption Shedding of of first last permanent primary molar molar



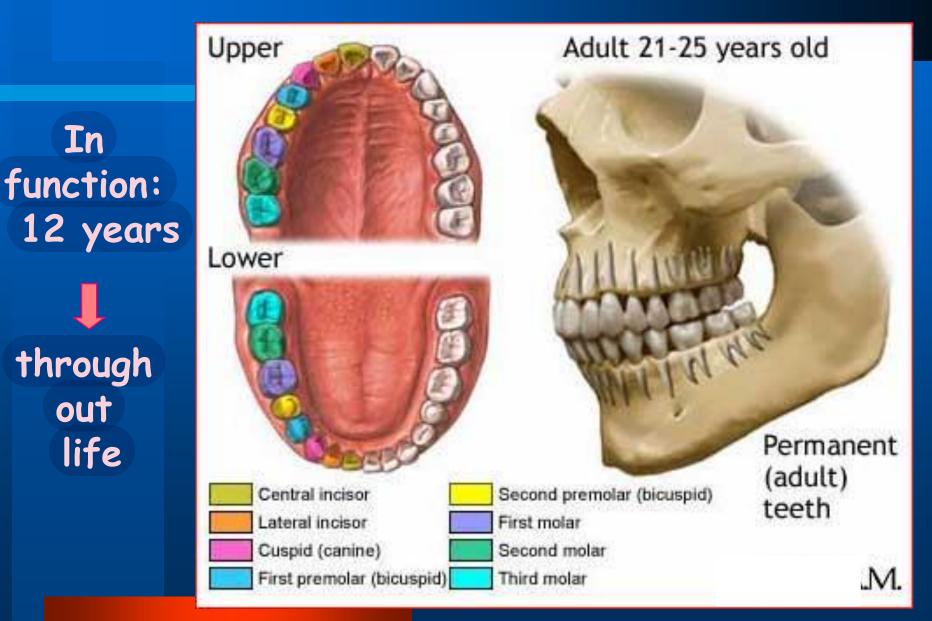
6 years → eruption of first permanent molar



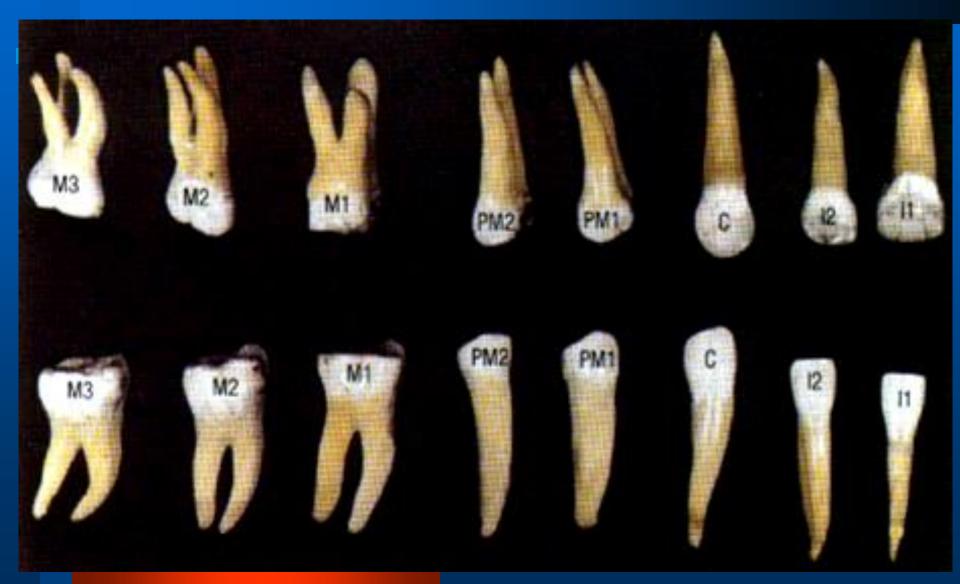
معتويز 12 years Shedding of last primary molar



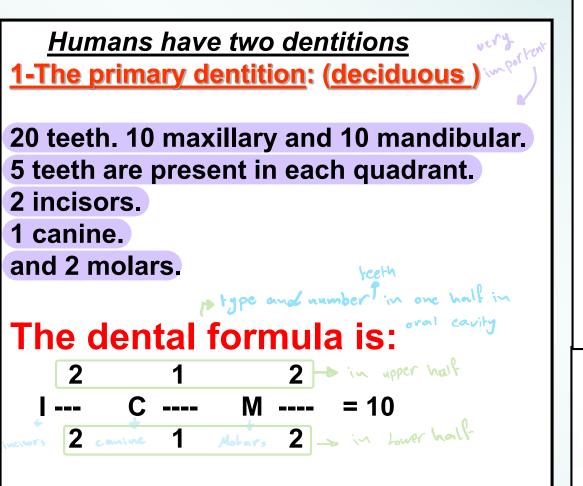
II-Permanent Dentition

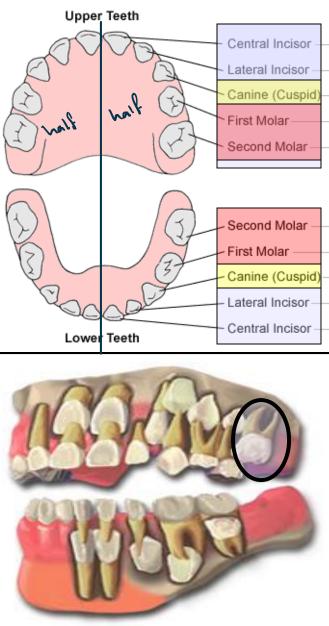


Permanent Teeth



The Dentitions





The Dentitions

2-The permanent dentition:

(secondary, adult or

معاهدانالي (succedaneous

32 teeth, 16 maxillary and

16 mandibular.

8 teeth in each quadrant are

Present.

2 incisors.

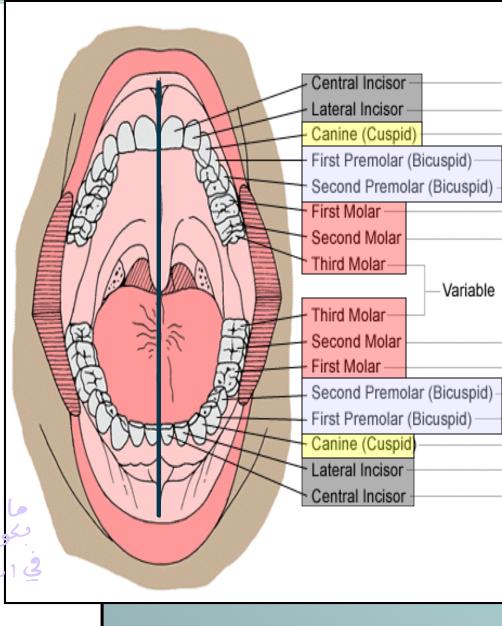
1 canine.

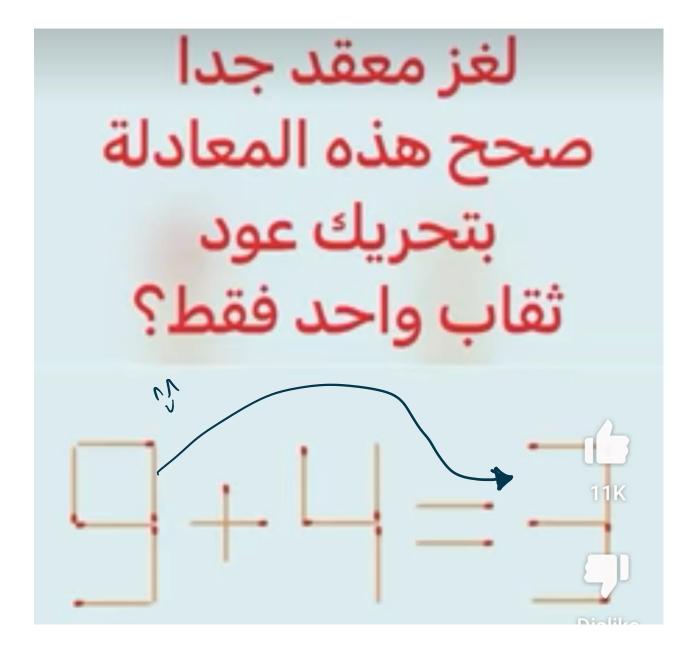
2 premolars.

and 3 molars.

The dental formula is :

The *permanent molars* are not preceeded with deciduous teeth في so they may be termed as *non-* منا ف succedaneous teeth.

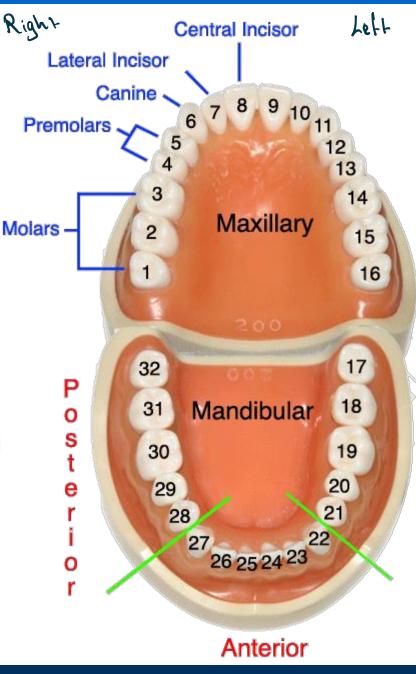




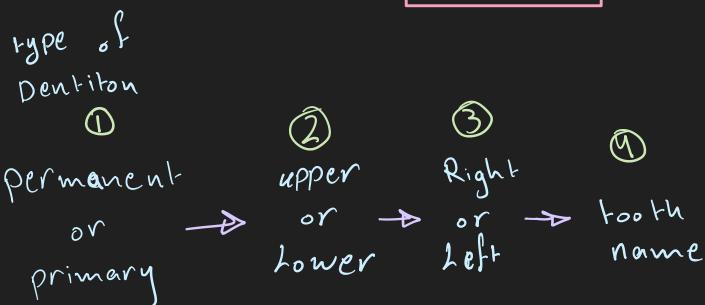
Tooth Identification Right Systems Numbering or Coding Systems

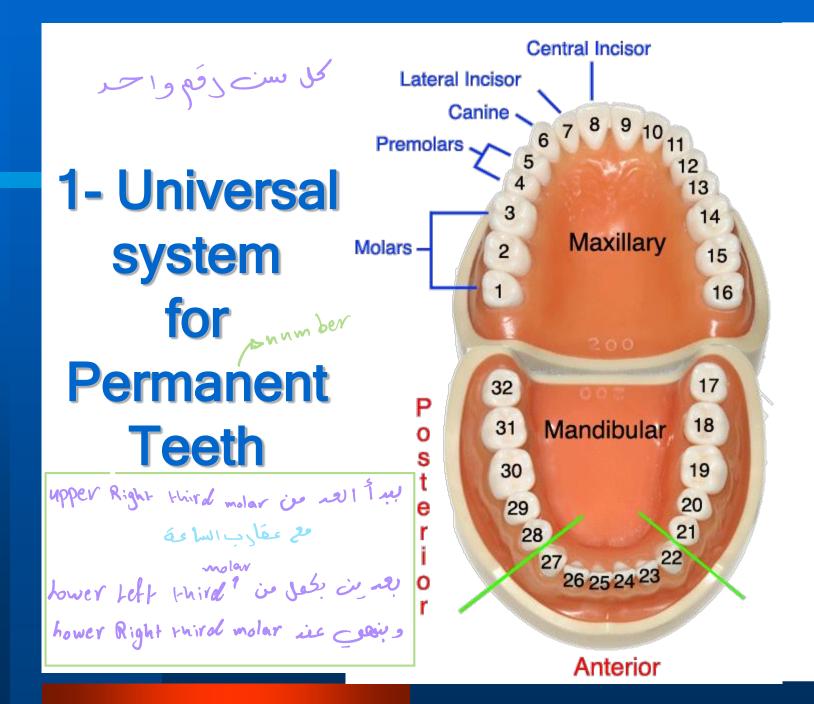
1.Universal System 2.Palmer Notation System

3.International FDI System (two digit system)



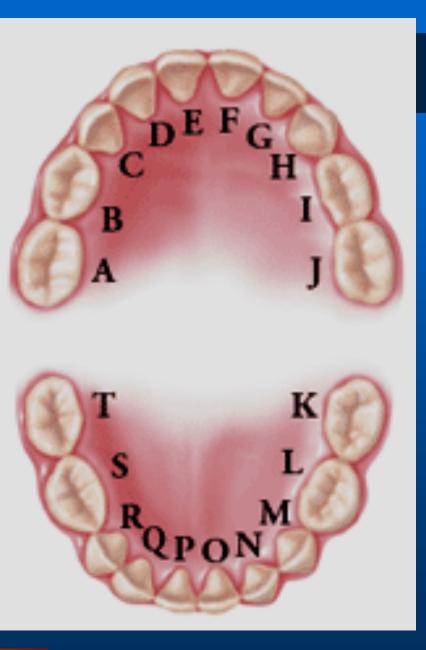
dimas Ilmos : -



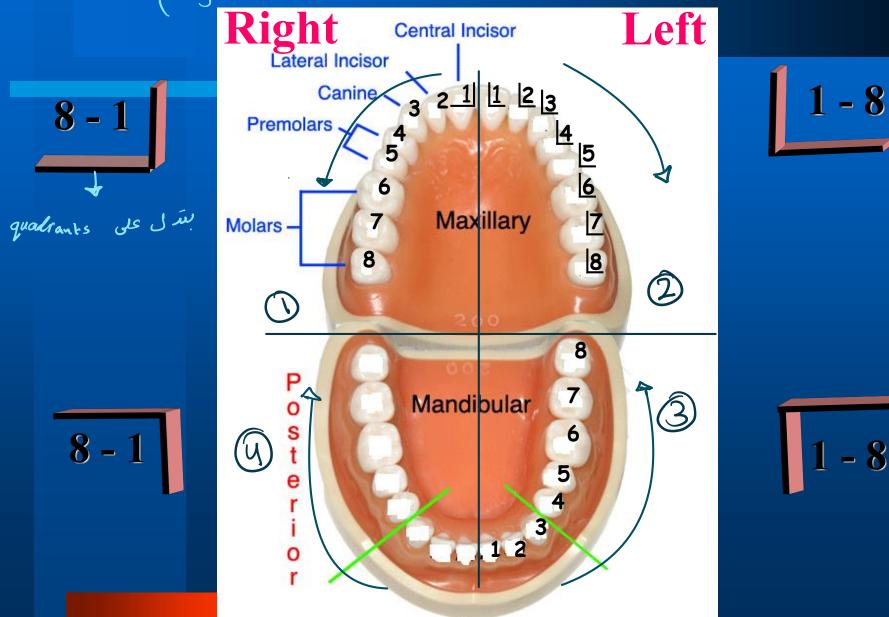


permanent på à à in

Universal System for Primary Teeth



2-Palmer Notation System for Permanent Teeth



It represents the four quadrants of the dentition as if you are facing the patient. In upper right In upper left In lower right In lower left

Horizontal and vertical lines = symbol for the quadrant

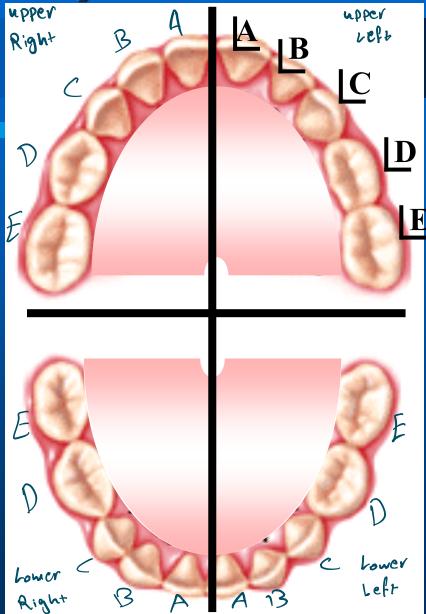
The *permanent teeth* are numbered from 1-8 on each side from the midline. central incisor Upper right Upper left 87654321 1 2 3 4 5 6 78 2 5 6 7 8 7 8 4 1 23 4 Lower left Lower right

Palmer Notation System

E-A

for Primary Teeth









The deciduous teeth are lettered from A-E on each side from the midline

 Upper right
 Upper left

 E
 D
 C
 B
 A
 B
 C
 D
 E

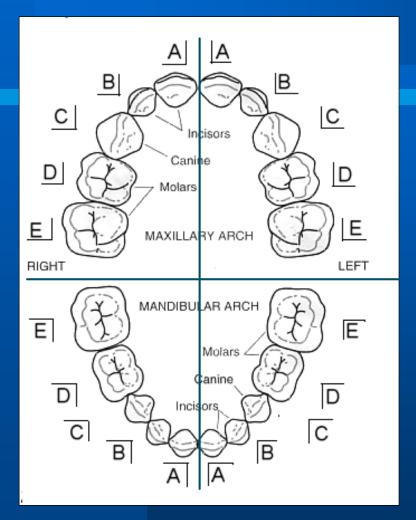
 E
 D
 C
 B
 A
 A
 B
 C
 D
 E

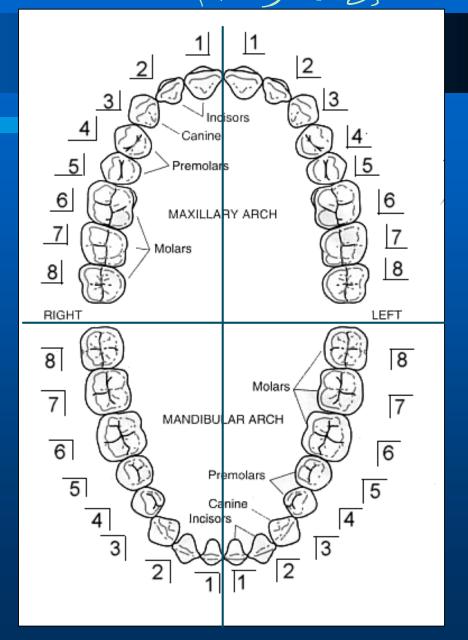
 E
 D
 C
 B
 A
 A
 B
 C
 D
 E

 Lower right
 Lower left

Palmer Notation System

permanent a pla 13 Primary a 15

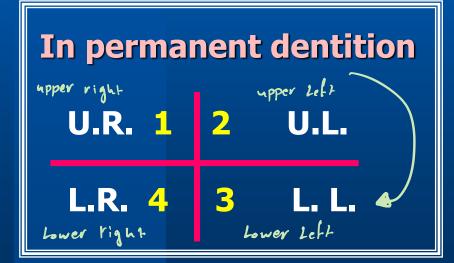


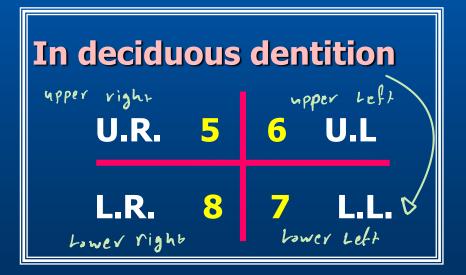


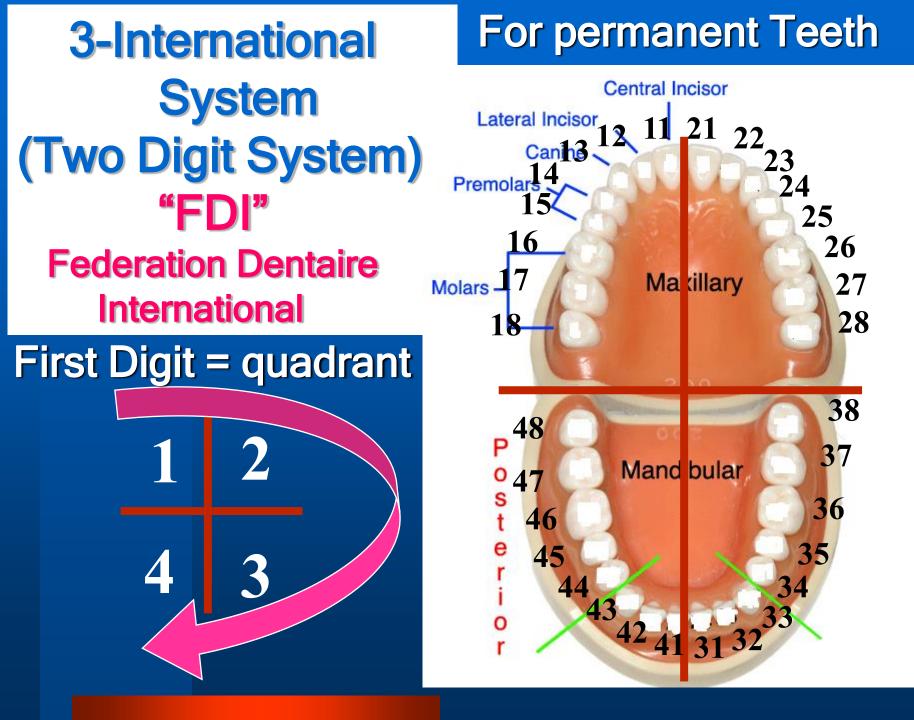
2-The International Numbering System "FDI" Federation Dentaire International (the two digit system)

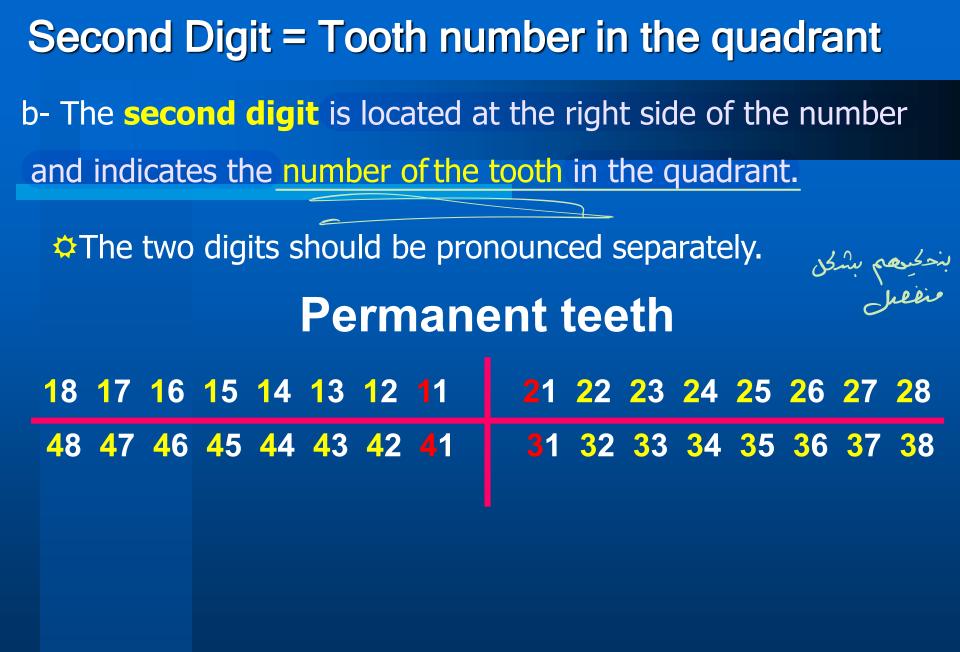
مكون من رفتين The teeth are designated by using two-digits:

ارد رقبی بد علی مسل مسل مسل مسل علی ا a. The first digit of the code is located at the left side of the number and indicates the quadrant:



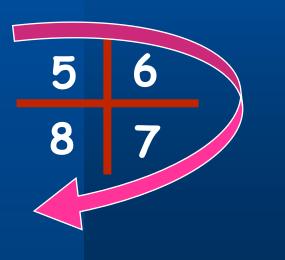


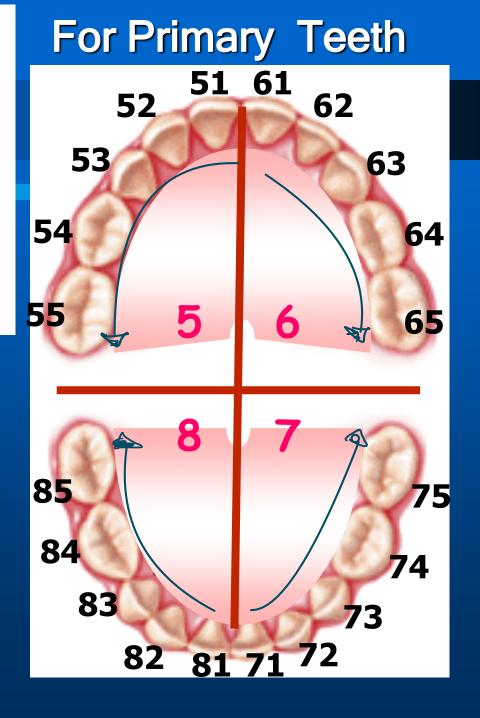


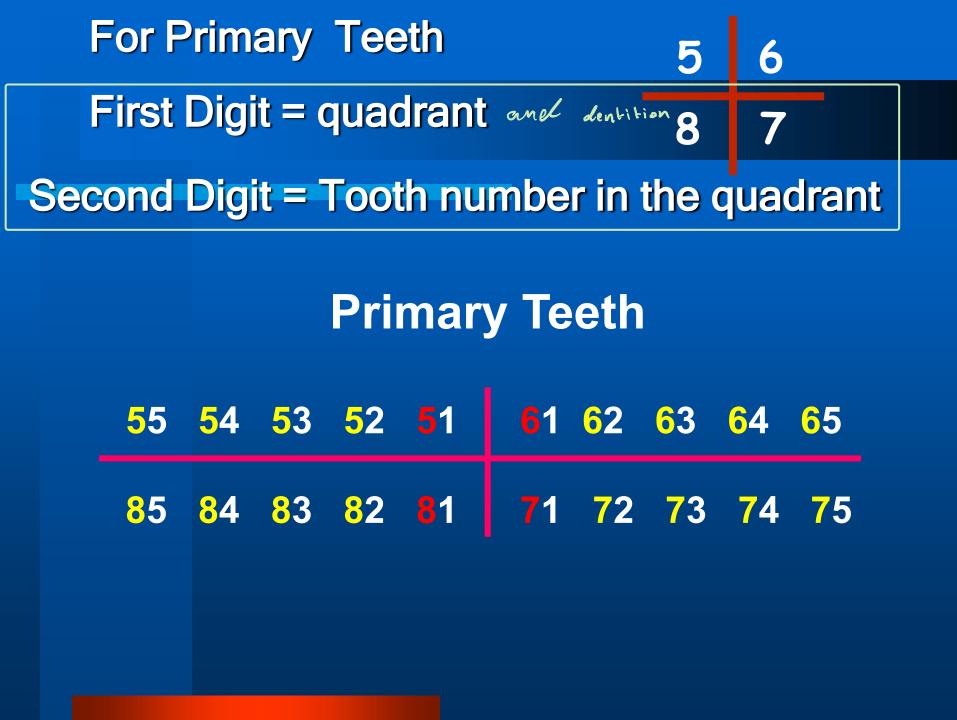


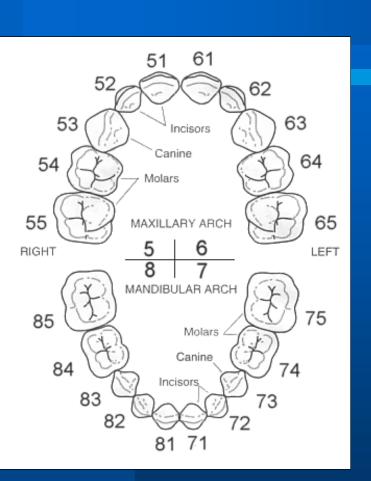
2-International System (Two Digit System) "FDI" Federation Dentaire International

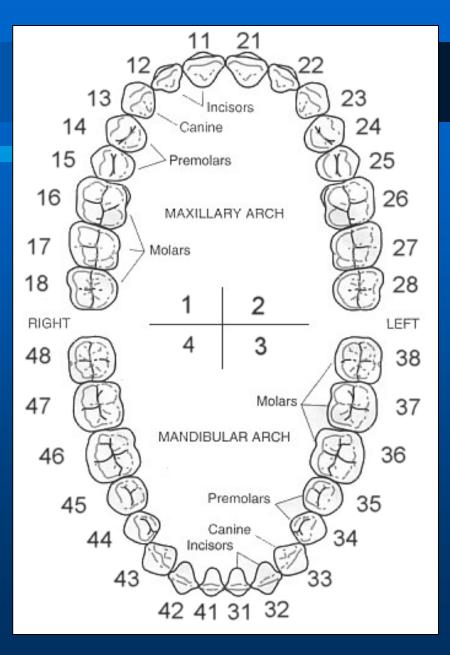
First Digit = quadrant



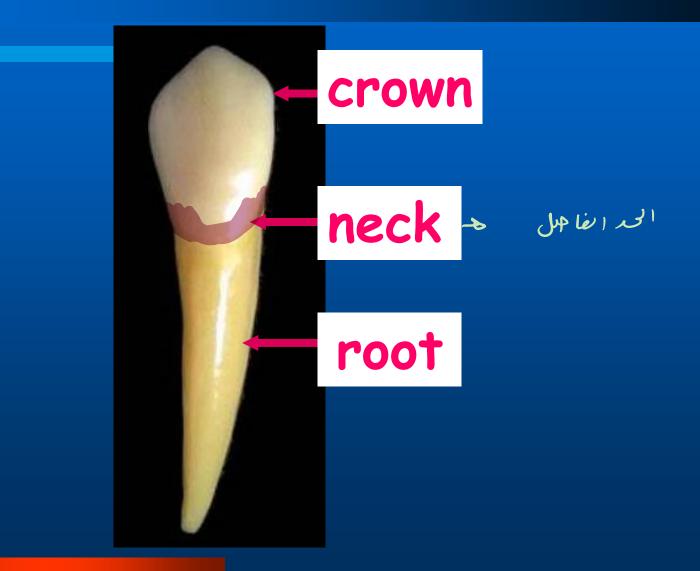








Macro anatomy of Teeth



Single-rooted

Multi-rooted



Multi rooted maall molar in upper

Anterior

upper



THANK YOU

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