

Internal Packet

Due:

Worth: 70 pts

Each page is worth 5pts. The paper
MUST be completely finished to
receive credit. It is all 5pts or 0pts for
the page.

Name: _____

Class Period _____

ROOTS AND COMBINING FORMS

INTERNAL ANATOMY:

Root/Combining Form:	Meaning:	Example Word:
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General Terms:

1.	carcin/o-	Carcinoma
2.	chord/o-	Vocal cord
3.	cyt/o-	Cytology
4.	fibr/o-	Fiber
5.	hist/o-	Histology
6.	kerat/o-	Keratin
7.	sarc/o-	Sarcoid
8.	vas/o-	Vasectomy
9.	viscer/o-	Visceral

Nervous System:

10.	neur/o-	Neurologist
11.	encephal/o-	Encephalitis
12.	cerebell/o-	Cerebellum
13.	cerebr/i-, cerebr/o-	Cerebral
14.	myel/o-	Myelography
15.	mening/o-	Meningitis
16.	gli/o-	Neuroglia

ROOTS AND COMBINING FORMS

Root/Combining Form: Meaning: Example Word:

Musculoskeletal System:

- | | | |
|-----|-------------------------------------|---------------------|
| 17. | oss/eo-, oss/i-, ost/e-, ost/eo- | Osteoarthritis |
| 18. | myel/o- | Myelofibrosis |
| 19. | my/o- | Myocarditis |
| 20. | tend/o-, ten/o- | Tendon |
| 21. | arthr/o- | Arthritis |
| 22. | chondr/i-, chondr/io-,
chondr/o- | Osteochondritis |
| 23. | spondyl/o- | Spondylosis |
| 24. | sacr/- | Sacrum |
| 25. | ili/o- | Ilium |
| 26. | stern/o- | Sternum |
| 27. | cost/o- | Costochondral joint |
| 28. | cleid/o- | Cleidotomy |

ROOTS AND COMBINING FORMS

Root/Combining Form:	Meaning:	Example Word:
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Cardiovascular and Lymphatic Systems:

29.	angi/o-	Angiocardigram
30.	vas/o-	Vasomotor
31.	arteri/o-	Arteriosclerosis
32.	phleb/o-	Phlebotomist
33.	ven/e, ven/i-, ven/o-	Venous
34.	arteriol/o-	Arteriole
35.	cardi/o-	Cardiology
36.	atri/o-	Atrium
37.	lymph/o-	Lymph Node
38.	splen/o-	Splenomegaly
39.	thym/o-	Thymoma

Respiratory System:

40.	pneum/a-, pneum/o-	Pneumonia
41.	pneum/ato-, pneum/ono-	Pneumatic tire
42.	pulm/o-	Pulmonitis
43.	bronch/i-, bronch/o-	Bronchitis
44.	bronchiol/o-	Bronchiole
45.	laryng/o-	Laryngitis
46.	trache/o-	Trachea
47.	pleur/o-	Pleurisy
48.	phren/i-, phren/ico-, phren/o-	Phrenic nerve

ROOTS AND COMBINING FORM

<u>Root/Combining Form:</u>	<u>Meaning:</u>	<u>Example Word:</u>	<u>E</u>
Gastrointestinal System:			
49. palat/o-		Cleft palate	(
			a
50. pharyng/o-		Pharyngitis	(
51. enter/o-		Enteric-coated pills	
52. gastr/o-		Gastronomic delights	
53. duoden/o-		Duodenum	(
54. jejun/o-		Jejunum	(
55. ile/o-		Ileum	(
56. col/o-, colon/o-		Colonoscopy	(
57. proct/o-		Proctologist	(
58. rect/o-		Rectal	(
59. hepat/ico-, hepat/o-		Hepatitis	(
60. choledoch/o-		Choledochectomy	(
			ra
Endocrine System:			
61. aden/o-		Adenoids	(
62. adren/o-		Adrenal Gland	(
63. thyr/o-		Thyroid Gland	(
Special Senses:			
64. kerat/o-		Keratitis	(
65. myring/o-		Myringotomy	(
			a

ROOTS AND COMBINING FORMS -

Root/Combining Form:	Meaning:	Example Word:	Expla
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Genitourinary System:

66. nephro/o-		Nephrolith	(Kidn
67. ren/i -, ren/o-		Renocortical	(Reno
			the c
68. pyelo/o-		Pyelogram	(An a
			which
69. ureter/o-		Ureter	(An a
70. urethr/o-		Urethra	(An a
71. cyst/i -, cyst/o-		Cystitis	(A blk
			of th
72. vesic/o-		Vesicocele	(A he

Male Reproductive System:

73. orchi/o-, orchi/do-		Orchiectomy	(The
74. balan/o-		Balanoposthitis	(Infl
			"Post

Female Reproductive System:

75. oophor/o-		Oophorohysterectomy	
76. ovari/o-		Ovariohysterectomy	
77. salping/o-		Salpingo-oophorectomy	
78. hyster/o-		Hysterectomy	
79. metr/a-, metr/o-		Metritis	(Infl
80. colp/o-		Colpotomy	(Alsc
81. episi/o-		Episiotomy	

Internal Exercise 1

Students: Write your name at the top. There are 21 internal words in this word search. Create a list below the word search of the words you find and their definition. The "o" is not included.

T	A	X	E	G	B	K	J	X	R	F	F	O	V	A	R	I	S	I	J
L	U	R	R	N	Q	P	B	C	U	P	W	Q	K	B	P	F	R	Q	H
H	Y	R	K	Q	S	Y	T	Y	B	J	N	C	N	K	F	P	K	U	F
N	J	M	E	C	A	G	Y	H	A	S	H	K	K	N	F	M	P	D	T
V	M	E	P	T	N	P	C	E	R	E	B	E	L	L	H	Y	E	N	T
E	N	Y	A	H	E	U	Q	P	C	O	Q	D	U	C	N	E	I	E	B
N	Z	R	M	V	H	R	G	J	H	Q	U	I	R	D	B	L	L	P	Z
O	Z	D	R	G	E	M	O	W	K	L	S	R	E	Q	U	M	C	H	L
P	H	R	Q	N	L	N	S	I	Z	U	E	U	M	V	I	O	E	R	A
J	R	T	Z	T	A	I	T	S	Q	K	R	B	F	Q	C	H	O	R	D
I	C	O	D	E	Y	R	M	E	G	Q	F	E	D	U	O	D	E	N	F
B	S	N	C	W	K	L	W	P	R	I	O	C	T	C	O	L	P	N	Z
O	A	N	I	T	P	T	Z	Z	Q	X	B	Z	S	H	U	X	U	B	N
L	R	D	O	R	E	J	E	J	U	N	U	A	J	G	R	A	U	A	R
U	C	T	M	Y	D	T	A	F	R	F	Y	A	L	S	W	Y	R	K	K
Z	V	B	H	Z	Q	R	U	Q	H	A	A	E	I	A	D	G	Z	Q	M
V	Q	P	W	Y	D	A	R	E	N	I	Z	T	I	L	N	C	G	O	Q
C	Q	N	R	H	M	C	J	V	T	T	L	M	I	J	L	T	S	C	C
S	G	F	R	O	J	H	F	Z	U	I	R	Q	U	S	O	G	T	V	L
D	R	M	A	R	T	E	R	I	L	I	S	B	D	M	T	P	R	N	G

Internal Exercise 2

Find the internal root in the following words and define it.
Also, try to define the whole word!!!!

Adenoids

Adrenalin

Angiogenesis

Arteriosclerosis

Arthritis

Artiotome

Balanitis

Bronchitis

Bronchiolitis

Cardiac arrest

Cerebellitis

Cerebroid

Choledochoenterostomy

Chondrocyte

Chordata

Colpectomy

Costalgia

Cystiform

Cytoid

Internal Exercise 3

Find the internal root in the following words and define it.
Also, try to define the whole word!!!!

Duodenoscopy

Encephalogram

Enterocentesis

Episiostenosis

Fibroma

Gastrocardiac

Glide

Hepatologist

Histology

Hysterectomy

Ileitis

Iliohypogastric

Jujunotomy

Keratic

Laryngitis

Lymphogenesis

Meningoarteritis

Metrectopia

Myelodysplasia

Myalgia

Internal Exercise 4

Find the internal root in the following words and define it.
Also, try to define the whole word!!!!

Myringotome

Nephropexy

Neurodermatosis

Oophorohysterectomy

Orchitis

Osteolipochondroma

Ovariocentesis

Palatoglossal

Pharyngopalatine

Phlebotomist

Phrenopericarditis

Pleurohepatitis

Pneumonia

Proctology

Pulmonectomy

Pyelography

Internal Exercise 5

Find the internal root in the following words and define it.
Also, try to define the whole word!!!!

Rectoplasty

Renal failure

Sacralgia

Salpingosalpingostomy

Sarcoma

Splenectomy

Spondylotomy

Sternocostal

Tendonitis

Thymoma

Thyroadenitis

Tracheobronchoscopy

Ureteroureterostomy

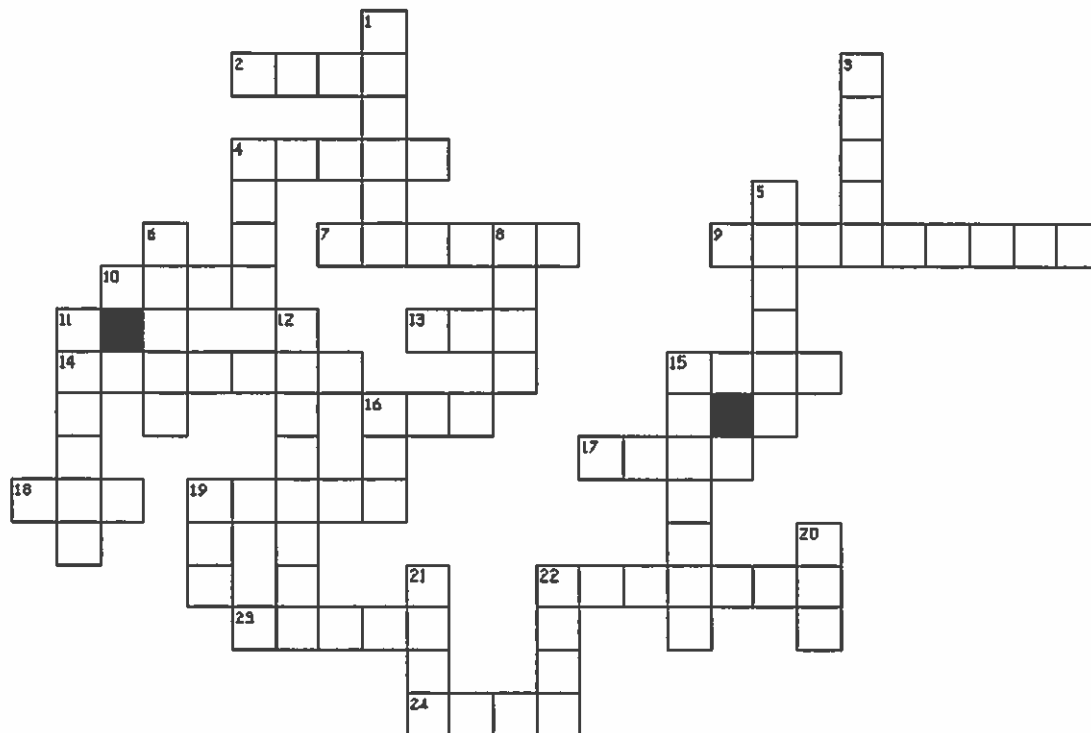
Urethrisms

Vascular system

Ventriculitis

Viscerotonia

Internal Exercise 6



Across

- 2. atrium or upper heart chamber
- 4. rectum or anus
- 7. trachea
- 9. bronchiolus
- 10. thymus gland
- 13. vessel or duct
- 14. urethra (bladder tube)
- 15. fleshy, muscular substance
- 16. ileum section of intestine
- 17. vagina
- 18. vein or veins
- 19. heart
- 23. vertebra, spinal column
- 23. clavicle (collarbone)
- 24. nerve, nerves, nervous system

Down

- 1. viscera
- 3. adrenal gland
- 4. lungs
- 5. artery
- 6. vein or veins
- 8. tissue
- 11. duodenum section of intestine
- 12. arteriole
- 15. fallopian or Eustachian tube
- 16. ilium (upper part of hip bone)
- 19. cell
- 20. gluey substance
- 21. Gland
- 22. sacrum

Name _____

Date _____

Internal Exercise 7

In the blank after each word write a word from the list on the right that contains a combining form for that body part. Underline the combining form.

Arthymic	Chondroma	Cystocentesis	Fibroblast	Hyperkeratosis
Laryngospasm		Meningitis	Myoglobin	Pyelonephritis
	Rhinovirus	Tenosynovitis	Thyrotropic	

1. Bladder and sac _____
2. Cartilage _____
3. Fibers _____
4. Horny Tissue _____
5. Kidney Pelvis _____
6. Larynx _____
7. Membranes covering brain and spinal cord _____
8. Muscle _____
9. Nose _____
10. Tendon _____
11. Thymus _____
12. Thyroid Gland _____

Internal Exercise 8

Match the following roots and combining forms with their meanings.

- | | |
|--------------|---------------------------------------|
| 1. brachio- | a. back of head |
| 2. cantho- | b. gum |
| 3. ovario- | c. head |
| 4. gingivo- | d. foreleg, arm |
| 5. derma- | e. body |
| 6. glosso- | f. intestine |
| 7. occipito- | g. skin |
| 8. oto- | h. tongue |
| 9. entero- | i. belly, underside |
| 10. ventro- | j. ovary |
| 11. somato- | k. angle at either end of eyelid slit |
| 12. cephalo- | l. ear |

Define the undefined root in each word:

1. buccal _____
2. cheilitis _____
3. polydactyly _____
4. lateral _____
5. onychectomy _____
6. laparotomy _____
7. somatoplasm _____
8. mastitis _____
9. stomatitis _____
10. pododermatitis _____

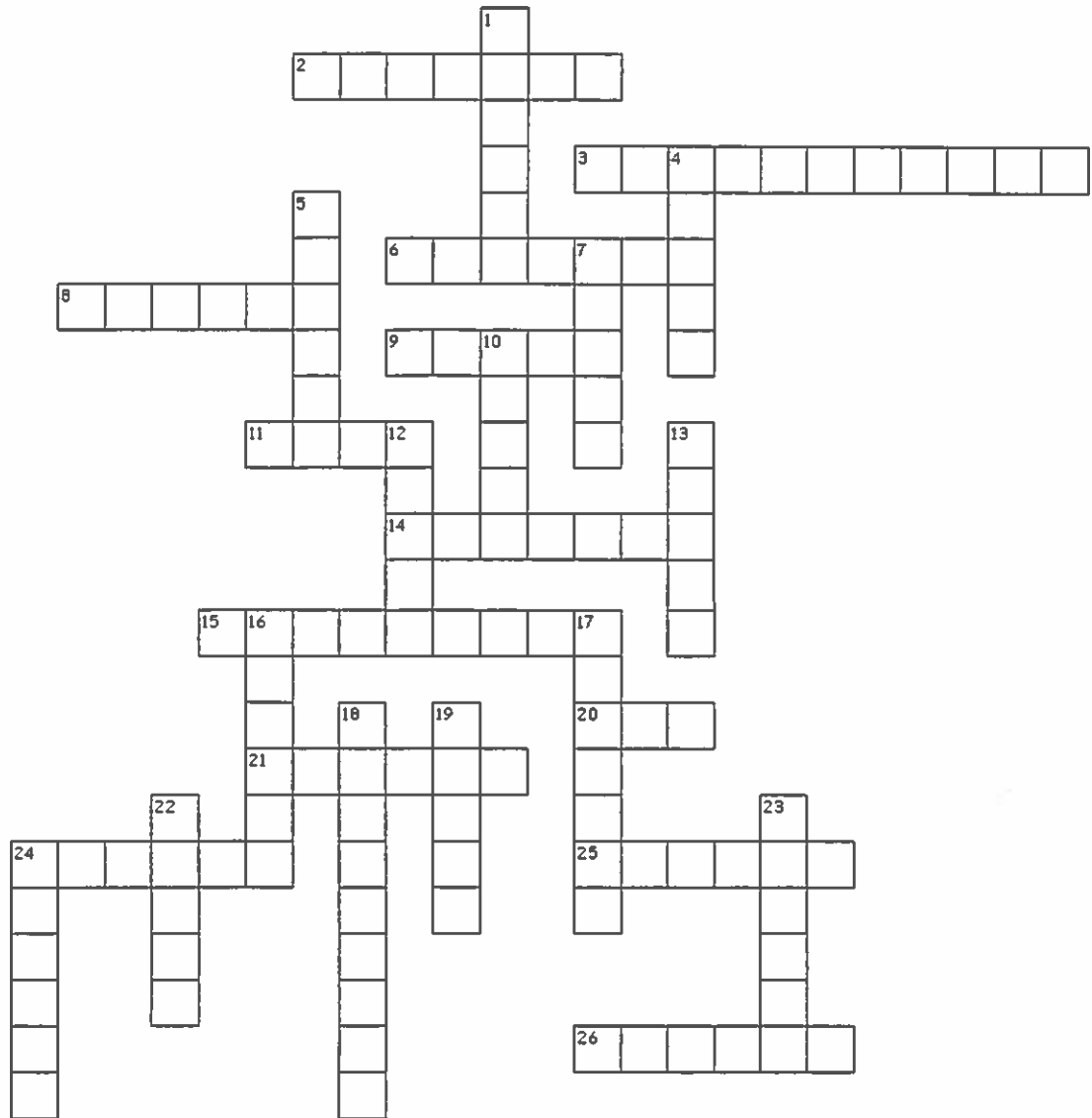
Internal Exercise 10

Across

- 2. Gastr
- 3. Bronchiol
- 6. Trache
- 8. Fibr
- 9. Episi
- 11. Cyt
- 14. Viscer
- 15. Arteriol
- 20. Cost
- 21. Tend
- 24. Sacr
- 25. Hyster
- 26. Neph

Down

- 1. Colp
- 4. Oophor
- 5. Hist
- 7. Cardi
- 10. Pulm
- 12. Hepat
- 13. Aden
- 16. Rect
- 17. Miring
- 18. Enter
- 19. Arthr
- 22. Encephal
- 23. My
- 24. Spleen



Internal Exercise 11

The combining form for gland is _____.

A combining form for uterus is _____.

Ileo- is the combining form meaning _____.

Gastro- is the combining form meaning _____.

The combining form for testis is _____.

Pneuma- or pulmo- refers to _____.

The combining form for spleen is _____.

Osteo- refers to _____.

A combining form for vein is _____.

Chordo- is a combining form meaning _____.

_____ 1. urethro-

_____ 2. recto-

_____ 3. tracheo-

_____ 4. viscero-

_____ 5. sarco-

_____ 6. myelo-

_____ 7. teno-

_____ 8. kerato-

_____ 9. myo-

_____ 10. reni-

a. viscera

b. tendon

c. kidney

d. bone marrow, spinal cord

e. muscle

f. urethra

g. trachea

h. flesh

i. rectum

j. horny tissue, cornea

Internal Exercise 12

cerebr/i-, cerebr/o-

cyst/i-, cyst/o-

orchi/o-, orchi/do-

oss/eo-, oss/i-, ost/e-, ost/eo-

phren/i-, phren/ico-, phren/o-

pneum/a-, pneum/o-, pneum/ato-, pneum/ono-

ven/e-, ven/i-, ven/o-

In the blank following each pair of words indicate whether the underlined roots and combining forms are similar or different.

Angiogenesis

Vascular _____

Iliocecal

Ileostomy _____

Tenotomy

Tibiotarsal _____

Vasodilator

Visceral _____

Myofibril

Metamyelocyte _____

Renal

Glomerulonephritis

Phlebotomy

Venipuncture _____

Splenomegaly

Spondylitis _____

Colpotomy

Hysterotomy _____