

Name: _____

Date: _____

roots review

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

region of differentiation
fibrous root system
hygroscopic water
ground meristem
root nodules
endodermis
protoderm
radicle
cortex

region of cell division
adventitious roots
secondary tissue
root hair zone
gravitropism
procambium
haustoria
taproot

region of elongation
adventitious buds
casparian strips
pneumatophores
aerial root
amyoplasts
pericycle
colloid

gravitational water
vascular cylinder
capillary water
passage cells
mycorrhizae
root hairs
root cap
embryo