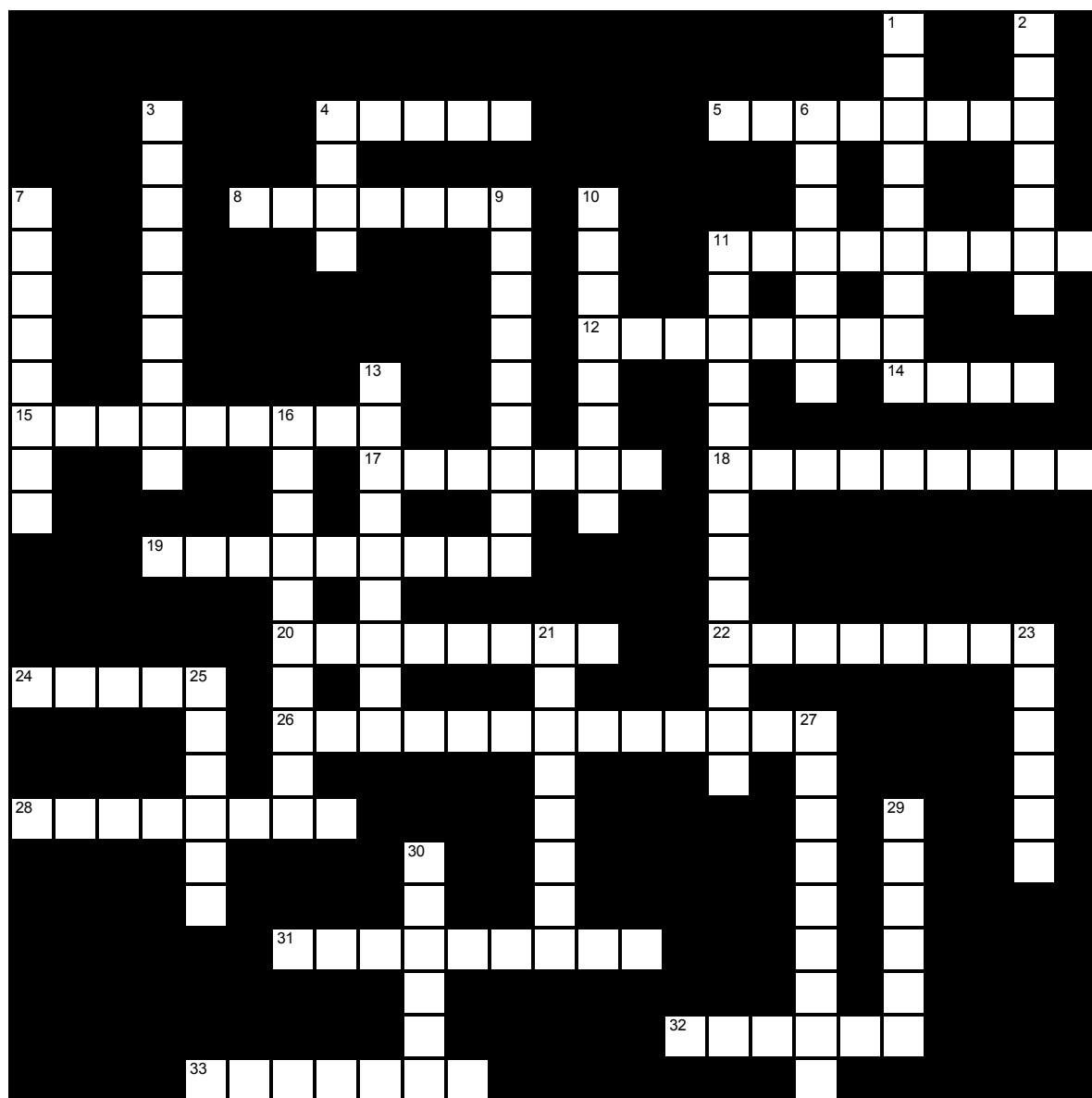


Leaves

Name: _____

Hour: _____



Across

- 4 The flat portion of a leaf (5)
- 5 Leaf arrangement where two leaves
attache at a single node (8)
- 8 A reaction from plant to reduce surface
area to slow the loss of water (7)

Down

- 1 Unlike roots & stems, leaves have a
middle ground tissue called
_____. (9)
- 2 The leaves of gymnosperms are usually
_____ or scales (7)

- 11 Hair-like structures on the leaves that help leaves to retain moisture (9)
- 12 The veins of monocots are usually this. (8)
- 14 The leaf primordia will eventually develop into a _____. (4)
- 15 Leaf arrangement where only one leaf attaches at each node (9)
- 17 Special category of trees that have scale-like leaves (7)
- 18 Leaf veins that radiate outward from a single point are _____ veined (9)
- 19 Biological rhythms that follow in a 24 hour cycle (9)
- 20 The openings which allow for gas exchange required for photosynthesis (8)
- 22 A specialized structure that forms on vines that help it to cling (8)
- 24 The _____ cells open and close the stomates (5)
- 26 A plant with modified leaves used to trap insects to supplement nutrition for the plant (13)
- 28 A blade that has been divided into many leaflets is said to be this (8)
- 31 A walnut tree is an example of a _____ compound leaf. (9)
- 32 A modified leaf used for protection; as in cactus (6)
- 33 Leaf arrangement where three or more leaves grow at a single node (7)
- 3 Term used to describe plants which do not shed their leaves during winter (9)
- 4 A short, modified stem surrounded by fleshy leaves (4)
- 6 The structure that holds the leaf and attaches it to the stem (7)
- 7 There are two types of mesophyll, _____ and spongy (8)
- 9 Excess water droplets that are forced from leaves; usually at night (9)
- 10 Leaf-like outgrowths at the base of the petiole (8)
- 11 The loss of water vapor due to evaporation from the stomates (13)
- 13 Plants which lose their leaves during winter (9)
- 16 The normal falling of leaves or other plant parts (10)
- 21 A parasitic plant that attaches to another plant to feed; such as mistletoe (8)
- 23 A _____ leaf is a single, undivided blade; such as a maple (6)
- 25 Leaves with a base, petiole, & blade are characteristic of _____. (6)
- 27 Adapted leaves that serve as water reservoirs (9)
- 29 Modified leaves that form over buds to protect the delicate meristem (6)
- 30 The _____ sheaths in leaves surround the veins (6)