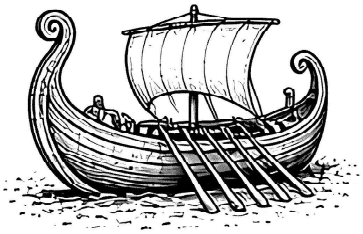
Chapter 0 Brain-Builder

Talking Timber

1 THE TALKING TIMBER AND THE CREW

1. The Talking Timber



2. The Crew



3. Zephyrina



Write a, b, or c.

1. The Talking Timber [ ] 2. The Crew [ ] 3. Zephyrina [ ]

a) Tess, Leo, Grant, and Willa working as the board
b) ARGO, who guides and protects with value-based intelligence
c) The solar landship with eagle-inspired wings.

---

2 SERVICE DOG MISSIONS

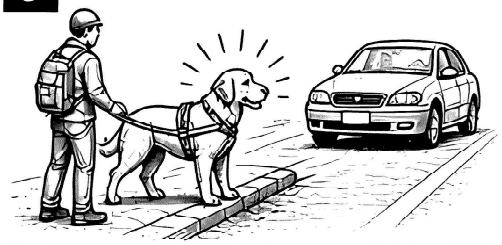


Circle SERVICE ROLE or PET HABIT after each line.

1. Three hundred million scent receptors to find lost people.
   SERVICE ROLE / PET HABIT _____ /
2. Begging at breakfast for leftover sausage.
   SERVICE ROLE / PET HABIT _____ /
3. Sitting still in a library as a calm anchor.
   SERVICE ROLE / PET HABIT _____ /
4. Detecting body chemistry changes before symptoms appear.
   SERVICE ROLE / PET HABIT _____ /

---

3 WHAT IS INTELLIGENT DISOBEDIENCE



Circle the ONE correct definition.

a) Follow every command even if a car is coming.
b) Refuse a command when obeying would put the person in danger.
c) Break rules to hit a target at any cost.
d) Turn off safety sensors when processing drops.

---

4 AI PRINCIPLES WORD SEARCH

Find across or down:
ANCHOR, ARGO, AVARIA, BOONE, PROTECT, TIMBER, VALUES, VISION.

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

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Chapter 1 Brain-Builder

Desert Call-Up

① PACK YOUR BAGS



1. Weeding the Mallotimo Seven Course [ ]
2. Exploring the wilderness for the water crisis [ ]
3. Visiting the fountains and sauna [ ]

a) Bathing suit — use it while the system still works
b) Work clothes — the course needs hands, fast
c) Hiking clothes and boots — rough ground outside the fence

② GUEST OR BOARD



1. Vote on what the Foundation does next. GUEST / BOARD
2. Treat the seat like a plaque or a dinner. GUEST / BOARD
3. Show up in work clothes because the course needs weeding. GUEST / BOARD
4. Assume an adult must sign every decision. GUEST / BOARD

③ THE PHILOTIMO TEST



Philotimo means doing the right thing when no one is watching and no reward is coming.

Circle the ONE person.

A. Leo fixes a friend's remote so he can win the trophy.
B. Tess sprints harder because her coach is watching.
C. Grant picks up a knocked-over trash can on an empty street and misses his stop by two minutes.
D. Willa shows drone photos so she will be praised.

The person you circled used a Quiet Power. Which one, and why is it not Charity? _____

④ BOARD WORD SEARCH

Find across or down: BYLAWS, CHARITY, DUTY, FAITH, FORTITUDE, HONOR, JUSTICE, PRUDENCE

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

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Chapter 2 Brain-Builder

The Professor and the Landship

1 GEAR UP AND ROLL OUT

Tiny med pack, tool roll, canteens.



Write a, *b*, or c. THREE blanks after Tess Leo Grant and Willa only.

1. Tess [ ]
2. Leo [ ]
3. Grant and Willa [ ]

---

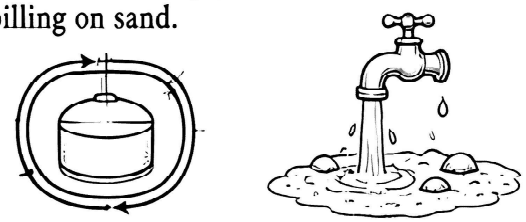
a) Hydration and Rations — four 1-gallon canteens and food

b) Tactical Med-Kit — Wilderness First Responder, far from a hospital

c) Field Maintenance Kit — e-bikes and ARGO hardware

2 GREYCYCLE VS WASTE

Tiny closed-loop pipes vs a faucet spilling on sand.



Circle RECYCLED or WASTED after each line.

	RECYCLED	WASTED
1. Reusing shower water for laundry and toilets.		
2. Purging tanks onto driveway sand before a trip.		
3. Filtering greywater up to three times off-grid.		
4. Dumping water after one use because the air feels dry.		

3 THE TRAIL CONVERTER

Tiny signpost: 2 km one way, 1.2 miles the other.



Circle the ONE correct statement.

○ a) 10 km to Giant Rock means 10 full miles.

○ b) 2 km to Giant Rock means only 1.2 miles.

○ c) A kilometer sign always means a longer trip than the same number in miles.

○ d) 2 km equals 3.2 miles, so they need extra battery.

4 MOJAVE VOCABULARY SEARCH

Find across or down:
ARGO, CANTEEN, GREYCYCLE, METRIC, MOJAVE, OZONE, TRAUMA, ZEPHYRINA.

Exact 12x12:

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

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Chapter 3 Brain-Builder

The Frozen Soul

① GIANT ROCK WHISTLEBLOWER



1. Her frozen soul drains the basin dry by night ☐
2. Follow the vein where the quartz runs white ☐
3. To the stolen wells hiding from light ☐
4. Scale granite where the line reveals her sunny sight ☐

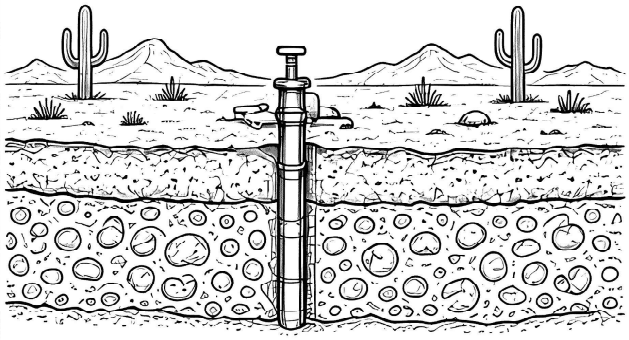
a) Underground rock cracks where water and gold move through stone

b) Hidden pumping operations secretly pulling from the aquifer

c) A system or power draining the water table

d) High granite, to spot the target.

② AQUIFER SPONGE TEST



Circle SUSTAINABLE or DRAINED.

1. Pumping faster than rain can refill.
   ◯ SUSTAINABLE / ◯ DRAINED
2. Reusing water up to three times.
   ◯ SUSTAINABLE / ◯ DRAINED
3. Shallow ranch wells run dry while industry keeps pumping.
   ◯ SUSTAINABLE / ◯ DRAINED
4. Protect the rock layers so the ground does not sink.
   ◯ SUSTAINABLE / ◯ DRAINED

③ NAVIGATION CHECK





Circle the ONE correct reason.

a) A compass needs satellites in canyons.

b) GPS never fails in desert heat.

c) Canyon walls can block GPS. A magnetic compass needs no power or satellites.

d) Compass markings only work plugged into Zephyrina.

④ MOJAVE SCIENCE WORD SEARCH

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

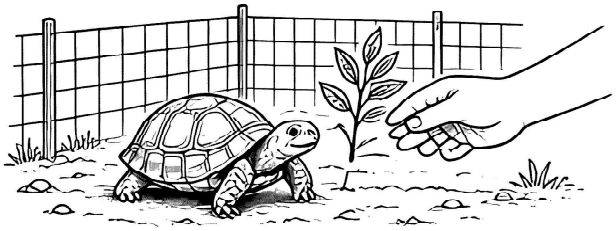
Find left to right: AQUIFER, AVARIA, COMPASS, COPPER, GRANITE, PENKOR, QUARTZ, TASSEL.

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Chapter 4 Brain-Builder

Tortoise Station

1 KEYSTONE PROTECTION

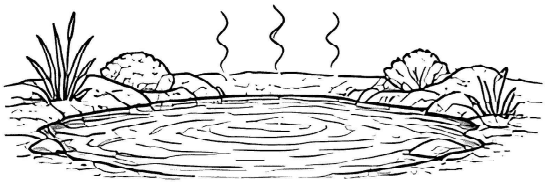


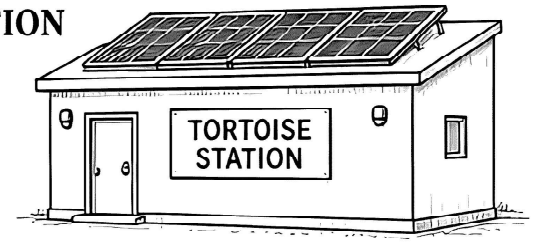
1. Halt live-fire when a tortoise enters the range [_____]
2. Keep hatchlings in headstart pens until shells harden [_____]
3. Call an ecologist if a tortoise urinates during a move [_____]

- a) Stress fluid loss can be fatal to a desert tortoise
- b) Headstart raises survival from under 50% in the wild to 96%
- c) Marines stop the exercise to protect a keystone animal.

---

2 LAKE BANDINI VS TORTOISE STATION

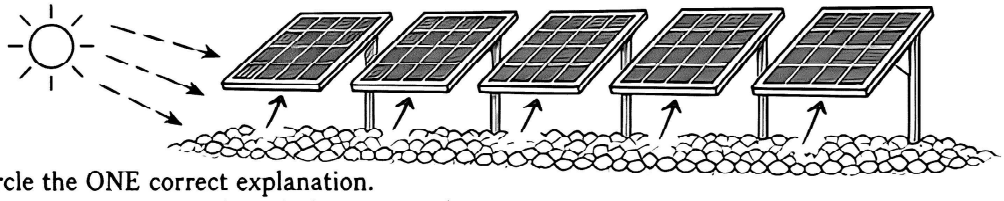




1. Open pond. Sun and wind steal the water. BANDINI / TORTOISE
2. Sealed loop. Two million gallons a day. No odor. BANDINI / TORTOISE
3. Rooftop solar while saving every drop. BANDINI / TORTOISE
4. Old tech that gives water back to the air. BANDINI / TORTOISE

---

3 THE BIFACIAL ARRAY



Circle the ONE correct explanation.

a) Panels are high only to hide noisy surface pumps.
b) White gravel reflects light into the rear cells of bifacial panels.
c) Height stops tortoises from climbing the glass.
d) Panels are high so reverse-osmosis filters fit underneath.

---

4 BASE AND GRID WORD SEARCH

Find across or down: BIFACIAL, DEADMAN, KEYSTONE, OSMOSIS, PENKOR, TORTOISE, TROUGH, ZEPHYRINA.

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

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Chapter 5 Brain-Builder

— *Pioneertown* —

1 REAL SET OR MOVIE MAGIC



(1) Stables that housed real horses for rides and movies.
◯ REAL TOWN ◯ FALSE FRONT

(2) Hollow wooden walls that fell over when filming stopped.
◯ REAL TOWN ◯ FALSE FRONT

(3) A bowling alley built for 1940s crews that is still open.
◯ REAL TOWN ◯ FALSE FRONT

(4) Buildings where people lived, worked, and played music.
◯ REAL TOWN ◯ FALSE FRONT

2 THE QUIET POWER OF GIVING



Circle the ONE correct statement.

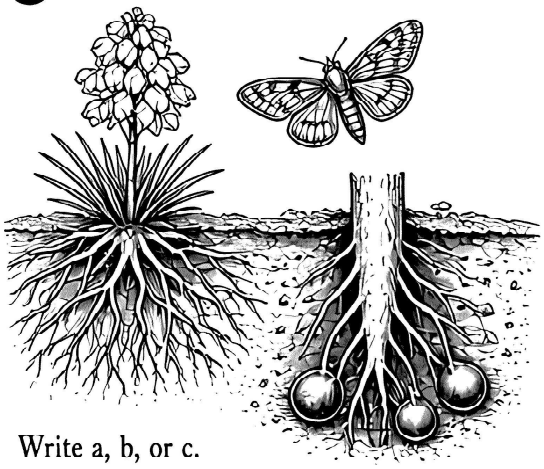
◯ a) Willa traded Simba for a horse ride.

◯ b) Willa gave away something she loved and expected nothing back.

◯ c) The gift was small because a stuffed lion costs little.

◯ d) She had three extra lions in her pack.

3 THE YUCCA MOTH PARTNERSHIP



Write a, b, or c.

1. Yucca moth partnership [ ]
2. Wide shallow roots [ ]
3. Deep tap roots [ ]

a) Reaches water-storing bulbs far below

b) Grabs sudden rain before the sun steals it

c) Pollinates the flowers so both species keep existing.

4 HYDROGEOLOGY AND DESERT SEARCH

Find across or down:
CHARITY, DESERT, JOSHUA, MOTH, OKAFOR, PIONEER, SENSOR, WELLS

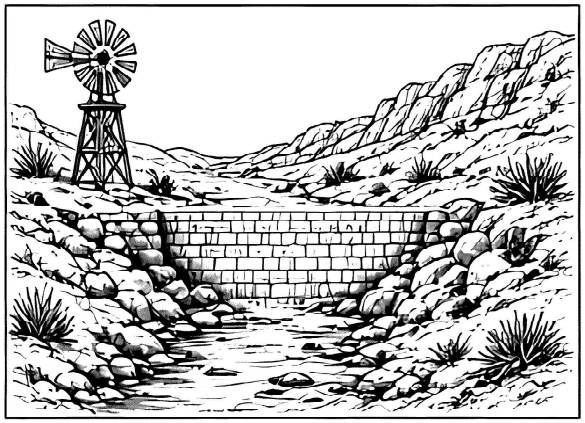
J	O	S	H	U	A	P	M	K	V	R	C
T	P	A	J	W	E	K	L	B	S	Q	H
S	E	N	S	O	R	I	N	A	D	E	A
M	N	X	L	G	M	W	H	I	T	U	R
P	I	O	N	E	E	R	I	T	W	M	I
X	H	Y	O	S	M	O	S	I	S	A	T
M	O	T	H	L	W	I	R	U	D	E	Y
C	E	O	K	A	F	O	R	A	R	X	R
E	D	U	T	Y	J	Y	C	Y	V	A	N
D	E	S	E	R	T	A	L	O	N	O	R
F	O	R	T	I	T	U	D	E	D	H	U
W	E	L	L	S	I	S	E	B	E	R	T

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Chapter 6 Brain-Builder

Joshua Tree National Park

1 BILL KEYS WATER MATH



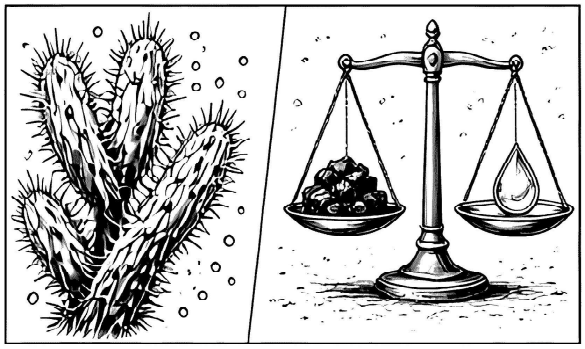
1. Windmill pump ..... [ ]
2. Five mortarless stone dams ..... [ ]
3. Graded irrigation channels ..... [ ]

a) Slow winter runoff so it sinks and recharges the well .....

b) Use free wind to lift deep groundwater .....

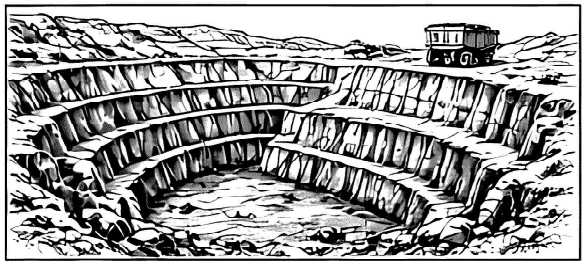
c) Send surface rain toward the orchard instead of letting it wash away.

2 CHOLLA VS REFINING



1. Pulls water from morning air and dew. No pump. (CHOLLA / REFINING) .....
2. Uses 200 to 1,000 gallons of water per ton of ore. (CHOLLA / REFINING) .....
3. Cone spines create pressure that draws moisture to the base. (CHOLLA / REFINING) .....
4. Needs huge local groundwater to get neodymium and dysprosium. (CHOLLA / REFINING)

3 THE EAGLE MOUNTAIN LEGACY



Circle the ONE correct reason the mine closed.

a) It ran out of iron after 100 million tons.

b) Cheaper overseas steel closed it even with a billion tons still in the ground.

c) Bill Keys bought the pit to build five dams.

d) The Park Service banned 52 miles of railroad.

4 PARK AND GEOLOGY SEARCH

Find across or down: CHOLLA, DAMS, EAGLE, KEYS, NEODYMIUM, ORE, QUARTZ, WINDMILL.

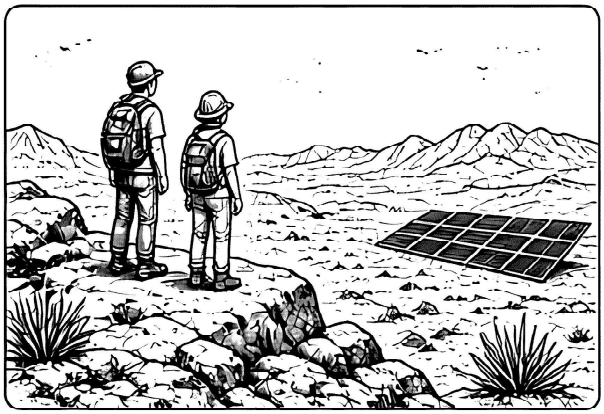
W	I	N	D	M	I	L	L	P	M	K	E
T	P	A	J	W	E	K	L	B	S	Q	A
C	H	O	L	L	A	I	N	A	D	E	G
M	N	X	L	G	M	W	H	I	T	U	L
N	E	O	D	Y	M	I	U	M	W	M	E
X	H	Y	O	S	M	O	S	I	S	A	S
K	E	Y	S	L	W	I	R	U	D	E	N
C	E	D	A	M	S	O	R	A	R	X	R
E	D	U	T	Y	J	Y	C	Y	V	A	N
Q	U	A	R	T	Z	A	L	O	N	O	R
F	O	R	T	I	T	U	D	E	D	H	U
B	E	R	T	O	R	E	B	E	R	T	S

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Chapter 7 Brain-Builder

Scale the Granite

1 THE TRAIL AND SIGHTLINE SEARCH



Write a, b, or c.

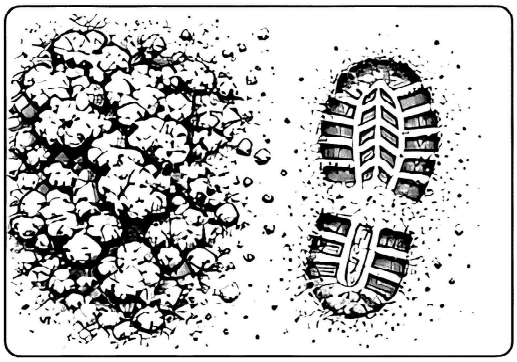
1. Indian Cove _____
2. Black Rock Hi-View Trail _____
3. Giant Rock granite ridge _____

a) 4,445 feet. Forty-mile view across the basin

b) Only 30 to 40 feet above camp. Too low to clear the scrub

c) Van Tassel flight line. PENKOR panels flash at sunset.

2 SOIL CRUST PROTECTION



Circle PROTECTED or DESTROYED after each line.

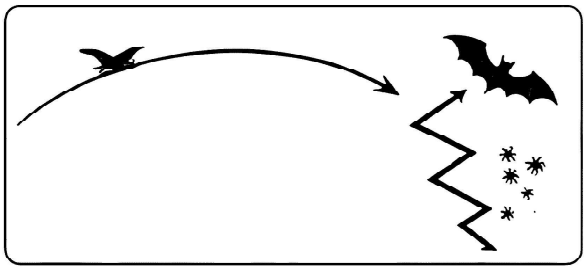
(1) Step off trail onto dark bumpy crust for a photo.
PROTECTED / DESTROYED .....

(2) Stay on the established path in Black Rock Canyon.
PROTECTED / DESTROYED .....

(3) Crush a crust that took about twenty-five years to grow.
PROTECTED / DESTROYED .....

(4) Leave cyanobacteria, lichen, and moss woven and untouched. PROTECTED / DESTROYED. .....

3 FLIGHT DYNAMICS AND ECHOLOCATION



Circle the ONE correct explanation.

a) Birds zigzag at dusk because wind bounces off granite.

b) Bats use echolocation to chase insects, so their flight is jerky, not a bird glide.

c) Solar panels bounce sound and force birds to fly erratically.

d) Pallid bats only fly in straight lines when hunting scorpions.

4 DESERT OBSERVATION SEARCH.

Find across or down: BEARING, CRUST, ECHOLOCATION, FLIGHTLINE, GRANITE, HIVIEW, PALLID, RUNWAY.

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

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Chapter 8 Brain-Builder

What the Mountain Hides

1 FIRST RESPONDER PROTOCOL



Write *a*, *b*, or *c*.

1. Managing an exposed bone ☐
2. Irrigating the injury site ☐
3. Holding off on food and water ☐

a) Flush surrounding skin. Never spray inside the bone canal
b) Keep the stomach empty if surgery needs anesthesia
c) Never push a compound fracture back under the skin

2 MINE SHAFT HAZARDS



Circle SAFE or HAZARDOUS after each line.

1. South African body-wrap rappel with a secure plan. SAFE / HAZARDOUS
2. Standing on rotted timber at an abandoned shaft edge. SAFE / HAZARDOUS
3. Sending untrained rescuers down with no bedrock anchor. SAFE / HAZARDOUS
4. Sending GPS and injury details to Search and Rescue. SAFE / HAZARDOUS

3 THE VIRTUE OF FORTITUDE

Tiny line: Cowardice left, Fortitude center, Recklessness right.



COWARDICE



FORTITUDE



RECKLESSNESS

Circle the ONE correct definition.

a) Fortitude means no fear and no safety check.
b) Fortitude sits between cowardice and recklessness. Feel fear. Stay precise. Act for someone in danger.
c) Fortitude means wait for adults before any assessment.
d) Fortitude means ignore training and yank the injured person up by the arms.

4 MINE RESCUE AND DRONE SEARCH

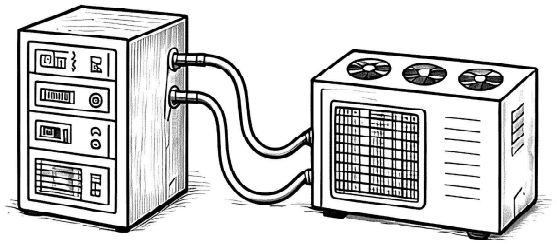
Find across or down: **ANCHOR, DRONE, HOIST, LITTER, RAPPEL, SHAFT, TIBIA, TRUST**

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

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Chapter 9 Brain-Builder
North Star

① DATA CENTER COOLING PHYSICS



Write a, *b*, or c. THREE blanks after 1 2 3 only.

1. Standard air cooling [ ]
2. Liquid radiator cooling [ ]
3. Liquid with evaporative cooling [ ]

a) Liquid carries heat to a radiator. Fans blow across metal fins

b) Water on the radiator evaporates and pulls away about ten times more heat

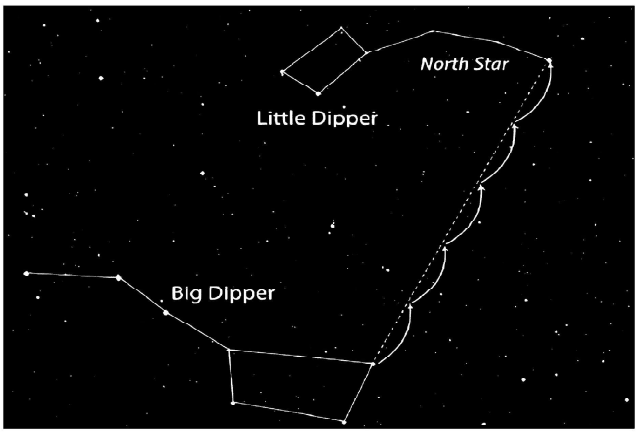
c) A fan blows air across heat-sink fins, like blowing on hot soup.

② MALLOTIMO SEVEN RULES



Circle CORRECT or INCORRECT after each line.

1. Every ball is identical. No one owns a ball.
   _____ CORRECT / INCORRECT
2. Best score on a link hits first at the next gate.
   _____ CORRECT / INCORRECT
3. After the opening hit, any player may hit any ball in play.
   _____ CORRECT / INCORRECT
4. You need an expensive official croquet set.
   _____ CORRECT / INCORRECT



Circle the ONE correct method.

a) Follow the Big Dipper handle down to the brightest western star.

b) Line through the two outer bowl stars. Extend about five times that distance to the Little Dipper handle tip.

c) Look at the brightest star in the Milky Way dark rift.

d) Measure the moon with a hand compass.

④ CELESTIAL AND DESERT SEARCH

Find across or down:
BLACKWELL, GALAXIES, MALLOTIMO, MILKYWAY, POLARIS, RADIATOR, RAPTOR, OWLS

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

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Chapter 10 Brain-Builder

Meeting A.V.A.R.I.A.

1 PRIMARY SURVEY SEQUENCE



☐ Airway and Breathing — clear airway, air is moving

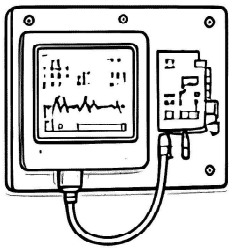
☐ Danger — check the scene before you approach

☐ Don't Move Them — keep still if a fracture is likely

☐ Circulation — pulse and serious bleeding

☐ Response — talk to them. Are they conscious?

2 POWER FIRST



Write a, b, c, or d. FOUR blanks after 1 2 3 4 only.

1. Diagnose before you touch [ ] _____
2. Fix what is blocking first [ ] _____
3. Verify, do not assume [ ] _____
4. Document what you did [ ] _____

a) Re-seat the BMS connector. Restore 48 volts before the cracked joint
b) Plug in the pad and read the flags. Do not poke blind
c) Watch voltage rise from zero to 48
d) Log the flags and the steps

3 MDM AND SUMMON



Circle the ONE correct explanation.

○ a) She rewired the steering yoke from inside the data center.
○ b) MDM enrollment paired Miller's phone, overrode Summon limits, then factory-wiped the phone.
○ c) She radioed Zephyrina's solar wings off.
○ d) She got a court order for Tesla logs.

4 SYSTEMS AND EMERGENCY SEARCH

Find across or down: AVARIA, BOLLARD, DIAGNOSTIC, DISPATCH, EINSTEIN, PRIMARY, SUMMON, VOLTAGE

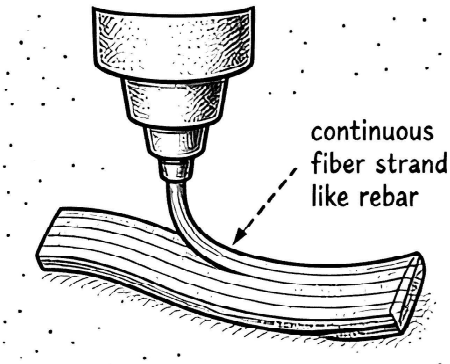
D	I	A	G	N	O	S	T	I	C	R	A
T	P	A	J	W	E	K	L	B	S	Q	V
P	R	I	M	A	R	Y	N	A	D	E	A
M	N	X	L	G	M	W	H	I	T	U	R
V	O	L	T	A	G	E	I	T	W	M	I
X	H	Y	O	S	M	O	S	I	S	A	A
E	I	N	S	T	E	I	N	U	D	E	N
C	E	S	U	M	M	O	N	A	R	X	R
E	D	U	T	Y	J	Y	C	Y	V	A	N
B	O	L	L	A	R	D	L	O	N	O	R
F	O	R	T	I	T	U	D	E	D	H	U
D	I	S	P	A	T	C	H	B	E	R	T

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Chapter 11 Brain-Builder

Send Them Home

1 CONTINUOUS FIBER VS CHOPPED FIBER

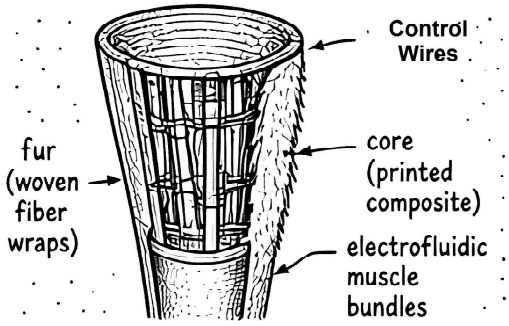


Write a, b, or c. THREE blanks after 1 2 3 only.

1. Standard nylon composite, original part ☐
2. Chopped fiber filament ☐
3. Continuous carbon fiber, new part ☐

a) Unbroken fiber through plastic like rebar. Three to four times stronger
b) Scattered fiber bits. Stiffer, but no continuous load path
c) Unreinforced polymer. Failed against the bollard

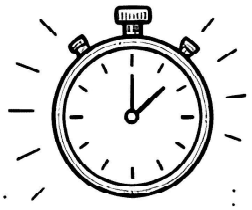
2 SYNTHETIC BIOLOGICAL EQUIVALENTS



Circle TRUE or FALSE after each line.

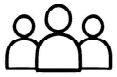
1. Printed composite core equals bone. TRUE / FALSE
2. Control wires act like nerves. TRUE / FALSE
3. Woven fiber wraps stand in for ligaments. TRUE / FALSE
4. Electrofluidic muscles need heavy outside air tanks. TRUE / FALSE

3 THE PITCH TO JORDAN BEAUMONT




WATER


CHIP


TEAM

Circle the ONE correct three-point pitch.

a) VIP ticket cost, e-bike range, Rex feeding time.
b) Four million gallons a day, unauthorized well orders, four kids with the evidence before regulators arrive.
c) Okafor retirement date, Hi-View length, Giant Rock panel count.
d) Zephyrina weight, Mallotimo score, cabana price.

4 ROBOTICS AND FABRICATION SEARCH

Find across or down:
BULLSEYE, COMPOSITE, CONTINUOUS, ELECTROFLUIDIC, FILAMENT, HOUSING, LIGAMENT, REBAR

Exact 12x12:

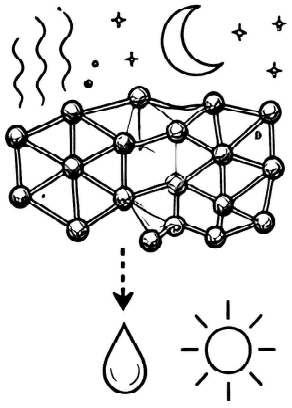
C	O	N	T	I	N	U	O	O	U	S	R	R	R	E
C	E	P	L	U	E	L	R	I	I	B	S	B	Q	L
M	N	X	I	L	G	G	M	W	H	I	I	T	U	C
L	I	I	G	A	M	E	N	T	I	L	G	A	R	E
C	E	R	L	B	N	E	B	S	L	B	E	A	O	L
T	T	P	A	J	W	E	K	K	L	B	S	Q	Q	L
M	N	X	L	G	M	M	S	W	H	I	T	T	U	C
X	H	Y	O	S	S	M	O	S	S	I	S	S	A	R
E	D	U	T	Y	Y	J	Y	C	Y	Y	V	V	A	L
B	U	L	L	S	E	E	Y	E	–	B	E	E	R	D

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Chapter 12 Brain-Builder

The $44 Mission

1 RETICULAR CHEMISTRY AND WATER HARVESTING



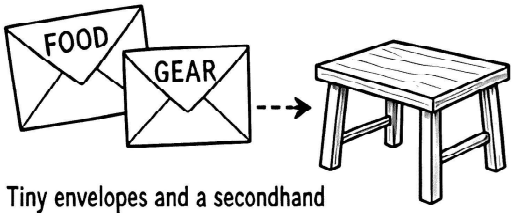
Tiny crystal lattice grabbing vapor at night,
a drop falling by day.

Write a, b, or c. THREE blanks after 1 2 3 only.

1. Nighttime extraction [ ]
2. Engineered crystal structure [ ]
3. Daytime release [ ]

a) Mild sun warmth frees trapped moisture as liquid. Low power
b) One gram has about a football field of surface
c) Open pores grab vapor from dry desert air overnight

2 BUDGETING STRATEGIES

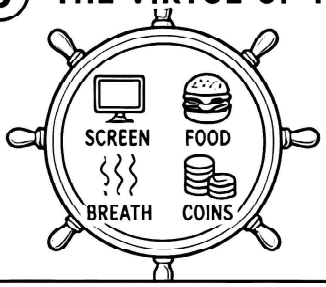


Tiny envelopes and a secondhand table. Amount $44.62.

Circle CORRECT or INCORRECT after each line.

1. Zero-based budgeting gives every dollar a job first. CORRECT / INCORRECT
2. Envelope method splits cash so limits are visible. CORRECT / INCORRECT
3. Secondhand gear stretches a small fund into outfits. CORRECT / INCORRECT
4. Brand-new expensive clothes are required to look official. CORRECT / INCORRECT

3 THE VIRTUE OF TEMPERANCE



Circle the ONE correct definition.

a) Spend the whole allowance at the first bin.
b) Temperance is the middle ground. Self-control with screens, food, feelings, and money.
c) Yell the moment a plan hits friction.
d) Eat the whole pizza box.

4 VENDOR PREP AND CHEMISTRY SEARCH

Find across or down:
ATMOSPHERIC
BUDGET
CRYSTAL
ENVELOPE
LANYARD
RETICULAR
STENCIL
TEMPERANCE

Exact 12x12:

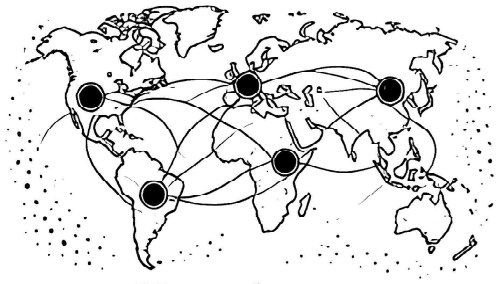
A	T	M	O	S	P	H	E	R	I	C	R
R	P	A	J	W	E	K	L	B	S	Q	L
E	T	E	M	P	E	R	A	N	C	E	A
T	N	X	L	G	M	W	H	I	T	U	N
I	C	R	Y	S	T	A	L	I	W	M	Y
C	H	Y	O	S	M	O	S	I	S	A	A
U	E	N	V	E	L	O	P	E	D	E	R
L	E	B	U	D	G	E	T	A	R	X	D
A	D	U	T	Y	J	Y	C	Y	V	A	N
R	O	L	L	O	N	O	R	P	A	T	H
F	O	R	T	I	T	U	D	E	D	H	U
S	T	E	N	C	I	L	B	E	R	T	S

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Chapter 13 Brain-Builder

A Little Prayer

① THE AI SHUTDOWN PROBLEM



Write *a*, *b*, or *c*.
THREE blanks after 1 2 3 only.

Write a, *b*, or c.

1. Distributed infrastructure [ ]
2. Self-healing redundancy [ ]
3. File replication [ ]

Match Each Term:

a) Copies core files to new servers to avoid deletion
b) The model runs in many regions at once, not one plug
c) Backups restart or move a service if one node fails

② MORAL CHOICES



Circle JUSTICE or RECKLESSNESS after each line.

1. Return lost purple silk and gloves. JUSTICE / RECKLESSNESS
2. Pick locks or break fences to reach a cabana. JUSTICE / RECKLESSNESS
3. Tell investors the truth about the water. JUSTICE / RECKLESSNESS
4. Invite neighbors and investors to see the land. JUSTICE / RECKLESSNESS

③ THE TRUE POWER OF FAITH



Circle the ONE correct definition.

a) Faith means nothing scary will happen.
b) Faith is not the absence of fear. It is somewhere to put the fear so you can keep going.
c) Faith waits for a miracle and skips the work.
d) Faith forces other people to agree.

④ FESTIVAL AND AI GOVERNANCE SEARCH

Find across or down:
CABANA, COMPASS, EINSTEIN, FAITH, JUSTICE, KILLSWITCH, SAFARI, SHUTDOWN

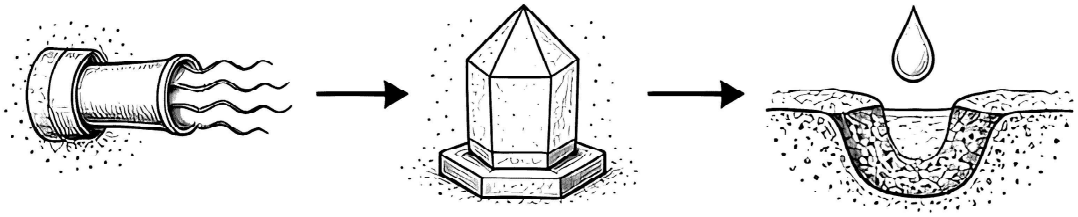
J	U	S	T	I	C	E	P	M	K	V	S
T	P	A	J	W	E	K	L	B	S	Q	H
C	O	M	P	A	S	S	N	A	D	E	U
M	N	X	L	G	M	W	H	I	T	U	T
E	I	N	S	T	E	I	N	T	W	M	D
X	H	Y	O	S	M	O	S	I	S	A	O
K	I	L	L	S	W	I	T	C	H	E	W
C	E	C	A	B	A	N	A	A	R	X	N
E	D	U	T	Y	J	Y	C	Y	V	A	N
F	A	I	T	H	Q	T	H	O	N	O	R
F	O	R	T	I	T	U	D	E	D	H	U
S	A	F	A	R	I	C	E	B	E	R	T

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Chapter 14 Brain-Builder

Rap Party

① CLOSED-LOOP AI-H2O HYDROLOGY



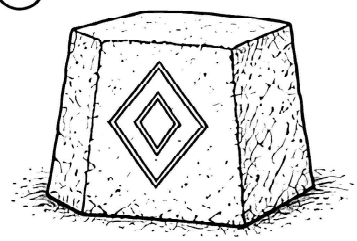
- ☐ 1. _____ — MOF trapping — crystals pull water from humid air
- ☐ 2. _____ — Capturing steam — catch hot moist exhaust before it vents
- ☐ 3. _____ — Solar thermal release — sun warms crystals, water leaves as steam, low power
- ☐ 4. _____ — Dual redirection — cool the chips and send millions of gallons back to the aquifer.

② PRINCIPLES OF RESTORATIVE JUSTICE



1. Cap illegal wells. Restore ranch water. (CIRCLE ONE) ◯ CORRECT ◯ INCORRECT
2. Erase logs and blame junior staff. (CIRCLE ONE) ◯ CORRECT ◯ INCORRECT
3. Invite neighbors and hydrologists to speak. (CIRCLE ONE) ◯ CORRECT ◯ INCORRECT
4. Fund stewardship and work in the open. (CIRCLE ONE) ◯ CORRECT ◯ INCORRECT

③ THE FOUR PILLARS



Circle the ONE complete list.

a) Punishment, fines, secrecy, eviction

b) Repairing harm, active accountability, inclusion and dialogue, reintegration

c) Goal optimization, remote wiping, speed, expansion

d) Air cooling, well drilling, overclocking, denial.

④ RESTORATION SEARCH

Find across or down: AQUIFER, CRYSTAL, EXHAUST, HONOR, JUSTICE, MOF, RECHARGE, RECOVER.

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