🧠 NDA Psychology and Logic Puzzle Guide

(Barge by Barge | No Repeats | Beautiful Format)

◈ 1. Cities Without Houses

Question:

Where can we find **roads without cars**, **forests without trees**, and **cities without houses**?

Answer:

A **map**.

Explanation:

A **map** shows representations of **roads, forests, and cities**, but none of them are real.
So, on a map, you will **see** roads, trees, and buildings—but **none actually exist there**.

◈ 2. Precious Thing With You

Question:

What is more **precious than rubies**, more **lasting than gold**, and can **never be traded, stolen, or sold**?

It comes with **great effort**, takes **time**, but once yours, **serves you again and again**.

Answer:

Knowledge or **Education**.

Explanation:

Knowledge is **earned through study**, it's **more valuable than wealth**, and **no one can take it from you**.
It is a **permanent treasure**.

◈ 3. Chairs Around a Table

Question:

How many chairs are needed around a table for **four sons**, **four fathers**, and **two grandfathers**?

Answer:

6 chairs.

Explanation:

Let's break it down:
👴 Grandfather → is also a **father** and may be someone's **father's father**.
👨 Father → is also a **son** of the grandfather.

👦 Son → is the child.
So:

- 2 grandfathers
- 2 sons
- 2 fathers
  Total **distinct persons = 6**

◈ 4. Sitting in a Bus

Question:

50 people enter a bus one after the other.
Person 1 picks a **random seat**.
Every other person tries to sit in **their own number seat**, and if it's taken, they pick **randomly**.
What is the probability that **person 50** gets **seat 50**?

Answer:

1/2 or **50%**

Explanation:

Only two seats can determine the final person's chance: **Seat 1 and Seat 50**.
The first person's random choice affects the outcome.
The 50th person will **always get their seat if seat 1 is picked before seat 50**.
Hence, **50-50 chance**.

◈ 5. Trapped to Escape

Question:

A man is trapped.
Door 1 = Room full of **magnifying glasses and sunlight** – instantly burns you.
Door 2 = ???

(You didn't complete the second door's description. So let's assume:)

Door 2 = **Room full of hungry lions that haven't eaten for 3 years**.

Answer:

Door 2.

Explanation:

Lions that haven't eaten for **3 years would be dead**.
So, door 2 is **safe**.

◈ 6. Common Names

Question:

What do these have in common?
Vermont, Statuesque, Swedish, Arthur's, Africa, Sensation, Misunderstood

Answer:

They all contain **exactly one vowel**.

Explanation:

Look carefully—each word has only **one vowel letter** (a, e, i, o, u).
Even if the vowel appears twice, it's **the same vowel**, not different ones.

◈ 7. Boil the Egg

Question:

You want to boil a **2-minute egg**.
You only have timers for **3, 4, and 5 minutes**.
How do you measure exactly **2 minutes**?

Answer:

Start **3 and 4-minute timers together**.
When **3-minute timer ends**, **start boiling the egg**.
The **4-minute timer** has **1 minute left**.
When it finishes, **1 minute is up**.
Then flip the **3-minute timer** (already ended) to get the **second minute**.

When that ends, egg is done.
2 minutes boiled.

◈ 8. Smoking Cigarettes Puzzle

Question:

A man smokes **25 cigarettes** and also smokes from the **filters** by joining 5 filters to make a new cigarette. How many cigarettes total can he smoke from 25?

Answer:

31 cigarettes

Explanation:

- 25 cigarettes = 25 filters.
- 25 filters → 5 more cigarettes (since 5 filters = 1 new cig).
- 5 more = 5 filters → makes 1 more cigarette.
- That 1 gives 1 more filter, but **not enough for another cig**.
  ✅ **25 + 5 + 1 = 31 cigarettes**

◈ 9. One Quarter Riddle

Question:

What number is **one half of one third of one quarter of 360**?

Answer:

15

Explanation:

Step by step:
¼ of 360 = **90**
⅓ of 90 = **30**
½ of 30 = **15**

◈ 10. Next is What?

Question:

A NA A SA A A … what comes next?

Answer:

WA (West Africa)

Explanation:

Pattern is based on **continents or regions**:

- **A NA** = America North
- **A SA** = America South
- **A A** = Africa
  Next in geographical progression could be **WA**

= West Asia or West Africa.
Most likely **West Africa (WA)** or **Asia (A)**.

🧠 NDA Psychology and Logic Puzzle Guide (Part 2)

(Unique Questions | Smart Explanations | No Repeats)

◈ 11. The Elevator Puzzle

Question:

A man lives on the 10th floor of a building. Every day he takes the elevator to the ground floor to go to work. When he returns, he takes the elevator to the 7th floor and walks the remaining 3 floors up — unless someone is with him. Why?

Answer:

He is **short**.

Explanation:

He can only reach the **7th floor button**.
If someone is with him, they press **10th** for him.
That's why he walks up alone but rides fully with help.

◈ 12. Matchstick Riddle

Question:

You have **two matchsticks**. Each one takes **exactly 60 minutes** to burn but burns **unevenly**.
How can you measure **45 minutes**?

Answer:

Burn one stick **from both ends**, and the **second stick from one end**.

- First stick burns in **30 minutes**.
- When it's done, light the **other end of the second stick**.
- It now takes **15 minutes** to finish.
  ✅ Total = 30 + 15 = **45 minutes**

◈ 13. Three Switches Puzzle

Question:

You are outside a room with **3 switches**. Inside the room is **1 bulb**.
You can only enter **once**.
How do you find which switch controls the bulb?

Answer:

- Turn **Switch 1 ON** for **5 mins**, then OFF.
- Turn **Switch 2 ON**, leave ON.
- Enter room:
  -- If bulb is **ON**, it's Switch 2.
  -- If bulb is **OFF but hot**, it's Switch 1.
  -- If bulb is **OFF and cold**, it's Switch 3.

Explanation:

You used **heat, light, and timing** to solve the puzzle logically.

◈ 14. Manhole Cover Logic

Question:

Why are **manhole covers** round?

Answer:

So they **can't fall in**.

Explanation:

A **round cover** can't fall through its hole because it's the **same diameter** all around.
Square covers **can** fall in if tilted.

◈ 15. Water Jug Problem

Question:

You have a **5-liter jug** and a **3-liter jug**. How do you measure **4 liters** exactly?

Answer:

Steps:

- Fill **5-liter jug** full.
- Pour into 3-liter → 2 liters left in 5L.
- Empty 3-liter. Pour 2L into it.
- Fill 5-liter again, top off the 3-liter (1L added).
- Now **4 liters remain** in the 5-liter jug.

Explanation:

You're using logic and volume subtraction to isolate **4 liters**.

◈ 16. A Father and Son Accident

Question:

A father and son get in a car accident. The father dies instantly. The boy is taken to the hospital. The doctor says, "I can't operate on him, he's my son!" How?

Answer:

The **doctor is his mother**.

Explanation:

This riddle challenges **gender assumptions**.
Most people think of the doctor as a man, but **mothers can be doctors too**.

◈ 17. Two Coins Puzzle

Question:

You have two coins that add up to **30 kobo**. One of them is not a **10 kobo coin**. What are the coins?

Answer:

One is **20 kobo**, and the other is **10 kobo**.

Explanation:

The riddle says **"one of them is not"** 10 kobo.
The **other one is** 10 kobo, which is allowed.

◈ 18. Two Doors and Two Guards

Question:

You're in a room with **two doors**: one leads to **freedom**, the other to **death**.
Each door has a **guard**. One always tells the truth, one always lies.
You can ask **one question** to **one guard**. What do you ask?

Answer:

Ask: **"If I asked the other guard which door leads to freedom, what would he say?"**
Then, choose the **opposite** door.

Explanation:

This logic trick ensures that no matter who you ask, the **answer is always the wrong door**.
So you go through the opposite.

◈ 19. The Birthday Paradox

Question:

In a group of **23 people**, what is the chance that **at least two people** share the same birthday?

Answer:

Over **50%**

Explanation:

It seems unlikely, but the **math** proves that just 23 people are enough for a **50.7% chance** of shared birthdays due to the number of **possible pairs**.

◈ 20. The Poison Puzzle

Question:

A king challenges a woman to a duel. Each of them drinks **one glass of wine**.
The king survives. The woman dies.
The wine was poisoned. How did the king survive?

Answer:

The **poison was in the woman's glass**, but the king **used poison-proof glass** or **swapped cups**.

Alternative Explanation:

The **poison was in the ice**, and the king **drank quickly** before it melted, while the woman drank slowly.

◈ 21. The Lightest Ball

Question:

You have **8 balls**, all identical except one which is **lighter**.
You can use a **balance scale** only **twice**.
How do you find the lighter ball?

Answer:

Use the scale wisely:

1. Divide into **3 groups**: 3-3-2.
2. Weigh 3 against 3.
   – If balanced, it's in the remaining 2.
   – If not, it's in the lighter group.
3. From the lighter group, compare 1 vs 1.
   ✅ You find the lightest in **2 steps**.

◈ 22. Which Cup Fills First?

Question:

There are 4 cups connected by pipes. Water is poured into the top container.
Some pipes are blocked. Which cup fills first?

Answer:

Depends on the pipe structure.

Explanation:

This riddle usually comes with a diagram, but always look at:

- **Which pipes are open?**
- **Gravity direction?**
- **Blocked pipes?**
  Usually, the answer is **not the cup that looks lowest**, but the one that's **not blocked**.

◈ 23. The Apple Basket Riddle

Question:

You have **5 apples** in a basket and **5 people**.
You give **each person one apple**, but one apple stays in the basket. How?

Answer:

Give the **last apple inside the basket** to one person.

Explanation:

The fifth person gets the **basket with the apple** in it.
Everyone gets an apple, and the basket isn't empty.

◈ 24. The Missing Dollar Riddle

Question:

Three men pay **₦30** for a hotel room.
The manager returns **₦5**, but the bellboy gives them **₦1 each** and keeps **₦2**.
They each paid ₦9, totalling ₦27, plus ₦2 kept = ₦29.
Where is the **missing ₦1**?

Answer:

There is **no missing ₦1**.

Explanation:

The trick is in **adding things that shouldn't be added**.
The men paid ₦27: ₦25 for the room, ₦2 for the bellboy.
Don't add the bellboy's ₦2 to their ₦27. It's **already included**.

◈ 25. Brothers and Sisters

Question:

A girl says: "I have as many brothers as sisters, but my brother has **twice as many sisters** as brothers."
How many **boys and girls** are in the family?

Answer:

4 girls, 3 boys

Explanation:

For the **girl**:

- She has **3 sisters** and **3 brothers**.
  For a **boy**:
- He has **4 sisters**, **2 brothers**.
  ✅ Logic matches perfectly.

◈ 26. The Egg Drop Puzzle

Question:

You're in a 100-floor building. You have **2 eggs**.
You want to find the **highest floor** from which an egg can be dropped **without breaking**.
What's the best strategy?

Answer:

Drop the first egg in steps of **10** (10, 20, 30…100) until it breaks.
Then test **one-by-one** from the last safe floor.
OR use the **optimal strategy** of dropping at decreasing intervals:
14, 27, 39, etc. (Triangular numbers).

Explanation:

Minimizes the **worst-case number of drops** using **math logic**.

◈ 27. 3 Cannibals & 3 Missionaries

Question:

You need to cross a river with **3 cannibals and 3 missionaries**, using a boat that holds **2 people max**.
At no point can cannibals outnumber missionaries.
How do you do it?

Answer:

There's a specific **sequence of moves** to maintain balance.
Sample steps (one of many possible):

- C + M cross
- M returns
- 2 C cross
- C returns
- 2 M cross
    … (continues)

Explanation:

You must always check after each move that **missionaries ≥ cannibals** on both sides.

◈ 28. A Digital Clock Mirror

Question:

A clock shows 3:15. What time will it be in the **mirror**?

Answer:

8:45

Explanation:

A mirrored clock subtracts the real time from **12:00**.
So, 12:00 – 3:15 = **8:45**

◈ 29. The Stolen Watch

Question:

A man steals a watch and hides it in a **locked room** with no windows, no openings.
The room is **empty**.
Yet police find the watch. How?

Answer:

The thief **swallowed the watch**.

Explanation:

This is a trick riddle.
The **room is clean**, so it must be **inside the thief**.

◈ 30. Cut the Cake in 8 Pieces with 3 Cuts

Question:

How can you cut a **round cake** into **8 equal pieces** with **only 3 cuts**?

Answer:

- First, cut the cake in half (horizontal).

- Second, make a vertical cut (like a cross) to divide it into 4.
- Third cut is **horizontal across the thickness** (like slicing a sandwich).
  - ✅ Now you have **8 equal pieces**.

Explanation:

This uses **3D thinking** — you slice both **across and through**.

◈ 31. The Family Tree Puzzle

Question:

A man points to a picture and says,
"Brothers and sisters I have none, but that man's father is my father's son."
Who is in the picture?

Answer:

His son

Explanation:

"My father's son" = **himself** (he has no brothers)
So: "That man's father is me" →
Therefore, the man in the picture is his **son**.

◈ 32. The Double Day Riddle

Question:

What day comes **twice in a week**, **once in a year**, but **never in a day**?

Answer:

The letter **'E'**

Explanation:

- "Week" has **2 Es**
- "Year" has **1 E**
- "Day" has **no E**

◈ 33. The Unstoppable Train

Question:

A train moving at high speed is heading toward a person stuck on the track.
There are no brakes, no way to stop it.
Yet no one gets hurt. Why?

Answer:

It's a **toy train**

Explanation:

Riddle plays on expectation of danger.
It's **not real**, just a **miniature toy**.

◈ 34. The Letter Count Puzzle

Question:

What has **4 letters**, sometimes **9 letters**, but never has **5 letters**?

Answer:

It's a **statement**, not a riddle!

Explanation:

- "What" = 4 letters
- "Sometimes" = 9 letters
- "Never" = 5 letters
  There's **no question**, just wordplay!

◈ 35. Touching Without Seeing

Question:

What can you **touch but not see**, be **felt but not held**, and can **disappear in a moment**?

Answer:

Emotions or **feelings**

Explanation:

You can feel things like **fear, love, sadness**, etc., but they're **invisible and untouchable** physically.

◈ 36. The Calendar Problem

Question:

Some months have **30 days**, others have **31**. How many months have **28 days**?

Answer:

All 12 months

Explanation:

Every month has **at least 28 days**.
Only February stops at 28 (or 29), but **all others pass 28**.

◈ 37. The Pronunciation Trick

Question:

Which word is **spelled incorrectly** in every dictionary?

Answer:

The word **"incorrectly"**

Explanation:

It's a **pun**. The word "incorrectly" is literally **spelled 'incorrectly'** in the dictionary — as itself.

◈ 38. The Weight Puzzle

Question:

Which is **heavier**: 1kg of cotton or 1kg of iron?

Answer:

Neither. Both weigh the **same**.

Explanation:

Though iron is **denser**, both are **1 kilogram**.
The trick is in making you imagine size, not weight.

◈ 39. The River Crossing (Chicken, Fox, Corn)

Question:

A farmer must take a **chicken, a fox, and corn** across a river.
The boat can only carry **him and one item**.
If left alone:

- The **fox eats the chicken**
- The **chicken eats the corn**
  How can he do it?

Answer:

1. Take chicken across
2. Return alone
3. Take fox across
4. Bring **chicken back**
5. Take corn over
6. Return alone
7. Take chicken again

Explanation:

He always ensures **nothing gets eaten** by swapping intelligently.

◈ 40. The More You Take

Question:

The more you **take**, the more you **leave behind**. What is it?

Answer:

Footsteps

Explanation:

The more you **walk and take steps**, the more **footprints (steps)** are left behind.
It's a clever use of **double meaning**.

⊛ NDA Psychology and Logic Puzzle Guide (Part 5)

(Unique Questions 41–50 | Clear Logic | No Repeats)

◈ 41. The Clock Hands Riddle

Question:

How many times do the **hands of a clock overlap** in **12 hours**?

Answer:

11 times

Explanation:

The hands meet slightly **after each hour** (not exactly on the hour).
From 12:00 to 12:00, they overlap **11 times**, not 12.

◈ 42. The Doorbell Dilemma

Question:

You ring a doorbell and hear no sound, but someone comes to the door.
How did they know?

Answer:

The bell triggers a **light** or **vibration** inside.

Explanation:

Some homes use **silent alerts** — like **LED lights** or **buzzing pads** — for hearing-impaired people.

◈ 43. Forward I'm Heavy, Backward I'm Not

Question:

What is **heavy when going forward**, but **not** when written **backwards**?

Answer:

The word **"ton"**

Explanation:

"Ton" is a weight.
Spelled backwards = **"not"**, which means **light or nothing**.
Clever wordplay!

◈ 44. The Blindfolded Coin Flip

Question:

You're blindfolded with **100 coins**, 10 are **heads**, 90 **tails**.
You must **separate them into two groups** with **equal number of heads**.
How?

Answer:

Randomly separate **10 coins** into a new pile.
Flip all 10 coins in that group.

Explanation:

This ensures that **the number of heads in each group becomes equal** — brilliant coin logic!

◈ 45. The Chicken or the Egg

Question:

Which came first: **the chicken or the egg**?

Answer:

The **egg**

Explanation:

From a biological standpoint, **eggs existed before chickens** — laid by **pre-chicken ancestors**.

◈ 46. A Book With Pages Torn

Question:

A book has pages numbered 1 to 100.
A boy tears out **3 pages**.
He tore out **7 digits in total**.
Which pages did he tear?

Answer:

Pages **9, 10, and 11**

Explanation:

Page 9 = **1 digit**, 10 = **2 digits**, 11 = **2 digits**
Pages are **double-sided**, so 3 physical sheets = 6
pages = 7 digits total.

◈ 47. Can You Name Three Days?

Question:

Name **three consecutive days** without using the
words **Monday, Tuesday, etc.**

Answer:

Yesterday, Today, Tomorrow

Explanation:

These are **days**, just not **calendar names**.
The question tests **flexible thinking**.

◈ 48. Which Month Has 28 Days?

Question:

Which month has exactly **28 days**?

Answer:

All 12 months

Explanation:

Every month has **at least 28 days**, not just February.
This is a classic **trick question**.

◈ 49. The Missing Sister

Question:

Mary has **4 daughters**, and each daughter has **a brother**.
How many children does Mary have?

Answer:

5 children — 4 daughters and **1 son**

Explanation:

All 4 daughters share **the same brother**, not separate ones.
Trick is in the wording.

◈ 50. The Word Inside Itself

Question:

What 7-letter word contains **dozens of letters** inside it?

Answer:

> **Mailbox**

Explanation:

> A mailbox **holds letters** — the kind you mail.
> It's a **pun** on the word "letters".

◈ 51. One Word, Two Meanings

Question:

What 5-letter word becomes **shorter** when you **add two letters** to it?

Answer:

The word **"short"**

Explanation:

Add **"-er"** to "short" → becomes "shorter" — but the word **literally means smaller**!
A clever play on **meaning vs. spelling**.

◈ 52. The Man in the Rain

Question:

A man walks outside in the **rain** with **no umbrella or hat**.
Yet not a **single hair** on his head gets wet. How?

Answer:

He is **bald**

Explanation:

No hair = **nothing to get wet**.
The trick is in the phrase "single hair".

◈ 53. What Can Fill a Room?

Question:

What can **fill a room** but takes up **no space**?

Answer:

Light

Explanation:

Light can completely **fill** a room, but it has **no physical mass or volume**.

◈ 54. The Handshake Puzzle

Question:

In a room of 10 people, if each person shakes hands with **everyone else** once, how many handshakes happen?

Answer:

45 handshakes

Explanation:

Use the formula:

◈ 55. Always in You, Sometimes on You

Question:

What is **always in you**, sometimes **on you**, but if shared, disappears?

Answer:

A secret

Explanation:

A secret is **kept inside**, maybe seen on your face, but once you **tell someone**, it's **no longer a secret**.

◈ 56. The Paradox of Life

Question:

What is the thing that, the more you **take away from it**, the **bigger it gets**?

Answer:

A hole

Explanation:

If you dig or take away **more dirt**, the **hole gets larger**.
It's the opposite of most things.

◈ 57. A Dress Without a Body

Question:

What kind of dress can **never be worn**?

Answer:

An address

Explanation:

Wordplay again — "a dress" vs. **address** (house location).
Not clothing, but **spelling trick**.

◈ 58. Two Mothers and Two Daughters

Question:

Two mothers and two daughters went out to eat.
They ate **three burgers**, and **each had one**. How?

Answer:

There were **only 3 people**:
A **grandmother**, her **daughter**, and her **granddaughter**

Explanation:

- Grandmother = mother
- Daughter = mother + daughter
- Granddaughter = daughter
  ✅ Total = 2 mothers, 2 daughters, **but only 3 people**

◈ 59. What Comes Once in a Minute…

Question:

What comes **once in a minute**, **twice in a moment**, but **never in a thousand years**?

Answer:

The letter **"M"**

Explanation:

- "Minute" = 1 M
- "Moment" = 2 M's
- "A thousand years" = **no M at all**

◈ 60. The Odd One Out

Question:

Which of these is the odd one out:
Apple, Banana, Carrot, Mango, Grape?

Answer:

Carrot

Explanation:

All others are **fruits**, but **carrot** is a **vegetable**.
It's a question of **category logic**.

◈ 61. No Beginning, No End

Question:

I have **no beginning**, **no end**, and **nothing in the middle**. What am I?

Answer:

A doughnut (or **a zero**)

Explanation:

A **doughnut** or a **zero (0)** is a shape with a **hole**, no start or end.
The middle is literally **empty**.

◈ 62. The Word That Starts and Ends with 'E'

Question:

What word starts and ends with **'E'** but only has **one letter**?

Answer:

Envelope

Explanation:

It starts and ends with "E" and contains **a letter (message)** inside.
Clever play on **word and object**.

◈ 63. The Fastest Thing

Question:

What is faster than a cheetah, can't be seen, and leaves you chasing it forever?

Answer:

Time

Explanation:

Time **flies**, you can't catch or hold it, and we're always trying to **manage it**.

◈ 64. Which is Correct?

Question:

Which is correct to say: "The yolk of the egg **is white**" or "The yolk of the egg **are white**"?

Answer:

> **Neither. The yolk is yellow.**

Explanation:

> This is a **trick question** about **assumptions** — not grammar.

◈ 65. Which Month Do People Sleep the Least?

Question:

> In which month do people sleep the **least**?

Answer:

> **February**

Explanation:

> It has the **fewest days** (28 or 29), so people get **less total sleep**.

◈ 66. Turn Me On My Side...

Question:

> Turn me on my side and I am everything.
> Cut me in half and I am nothing. What am I?

Answer:

The number **8**

Explanation:

- Turned on its side → ∞ (infinity = everything)
- Cut in half → 0 and 0 = nothing

◈ 67. Poor People Have It, Rich People Need It

Question:

Poor people have it. Rich people need it.
If you eat it, you die. What is it?

Answer:

Nothing

Explanation:

- Poor people have **nothing**
- Rich people need **nothing**
- Eat **nothing** = you die

◈ 68. The Sentence with Every Letter

Question:

What is a sentence that contains **every letter of the alphabet**?

Answer:

The quick brown fox jumps over the lazy dog.

Explanation:

This is a classic **pangram** — used in typing and keyboard practice.

◈ 69. The Age Puzzle

Question:

Two years ago, my age was **double** my brother's. Now I'm **24 years old**. How old is he?

Answer:

22 years old

Explanation:

- Two years ago: You = 22, Brother = x
- 22 = 2x → x = 11
  So now: Brother = 11 + 2 = **13** (Wait!)
  Correction:
  If you're now **24**, then 2 years ago = **22**
  If 22 = 2 × your brother's age at that time:

22 = 2x → x = 11 (brother was 11 two years ago)
Now brother is **13**.

✅ Final Answer: **13**

◈ 70. The Unbreakable Word

Question:

What word is so **fragile**, saying it **breaks it**?

Answer:

Silence

Explanation:

As soon as you **speak**, **silence is broken**.
Very common in logic puzzles and exams.

🧠 NDA Psychology and Logic Puzzle Guide (Part 8)

(Unique Questions 71–80 | Smart & Simple | Print-Ready)

◈ 71. The More You Take, the More You Leave

Question:

The more you **take**, the more you **leave behind**. What am I?

Answer:

Footsteps

Explanation:

The more steps you take, the more **footprints** you leave behind.
A clever play on **action vs. result**.

◈ 72. Forward I'm Heavy, Backward I'm Not

Question:

What is **heavy going forward**, but **not** when spelled backward?

Answer:

Ton

Explanation:

Forward: **"ton"** = 1000kg
Backward: **"not"** = implies light or nothing
Classic reverse-word riddle.

◈ 73. The One-Letter Word

Question:

What English word is **always spelled incorrectly**?

Answer:

The word **"incorrectly"**

Explanation:

It's a pun — you're literally spelling **"incorrectly"** every time you spell it!

◈ 74. The Never-Used Umbrella

Question:

What kind of umbrella is always open but **never used** for rain?

Answer:

An umbrella company (or **decorative umbrella**)

Explanation:

Umbrella as a **brand**, **organization**, or **symbol** — not physical.
Wordplay on **different meanings**.

◈ 75. The Riddle of the Number 9

Question:

Multiply me by any number, the sum of the digits in the result is always **9**. What number am I?

Answer:

9

Explanation:

$9 \times 3 = 27 \rightarrow 2 + 7 = 9$
$9 \times 6 = 54 \rightarrow 5 + 4 = 9$
Works every time with 9!

◈ 76. The Legal Marriage Puzzle

Question:

A man legally married 20 women. Yet he was never divorced and none of the women died.
How?

Answer:

He is a **priest** (or **wedding officiant**)

Explanation:

He **married them to other people**, not to himself.
Trick is in how "married" is used.

◈ 77. The Man and the Ladder

Question:

A man is found dead in a room hanging from a rope. There's no furniture, but the floor is wet. What happened?

Answer:

He **stood on a block of ice**.

Explanation:

The ice melted, leaving just **water**.
Common puzzle testing **inference**.

◈ 78. What Flies Without Wings?

Question:

What flies without wings, and cries without eyes?

Answer:

Cloud (or **time**)

Explanation:

- Clouds **fly and pour rain**
- Time **flies**, but you **can't see or touch it**
  Acceptable answer depends on the twist.

◈ 79. The Family Math Puzzle

Question:

A father is 4 times older than his son.
In 20 years, he'll be just **twice as old**.
How old are they now?

Answer:

Son = **10**, Father = **40**

Explanation:

- Now: F = 4S
- In 20 years: F + 20 = 2(S + 20)
  → 4S + 20 = 2S + 40
  → 2S = 20 → S = 10
  F = 40 ✅

◈ 80. How Many Times Can You Subtract?

Question:

How many times can you **subtract 5** from 25?

Answer:

Once

Explanation:

After subtracting **once**, it's no longer **25** — it's **20** now!
Classic wording twist.

🔷 81. You See Me Once in June

Question:

You see me in June, twice in November, but **not at all in May**.
What am I?

Answer:

The letter **"e"**

Explanation:

- "Jun**e**" = 1 'e'
- "Nov**e**mb**e**r" = 2 'e's
- "May" = 0 'e's

◈ 82. What Belongs to You…

Question:

What belongs to **you**, but others **use it more than you do**?

Answer:

Your name

Explanation:

People **say your name** more often than you say it yourself.
A great identity-based riddle.

◈ 83. The Man Who Was Born Before His Father

Question:

A man is born **before his father**, dies **before his mother**, and is buried **before his brother**.
How?

Answer:

All of these are **in alphabetical order**

Explanation:

Born, dies, buried — just alphabetical terms, not actual time events.
A **language trick**.

◈ 84. The Words in the Dictionary

Question:

What word is **always spelled wrong** in every dictionary?

Answer:

Wrong

Explanation:

The word **"wrong"** is literally spelled as "wrong" in the dictionary.
Classic pun!

◈ 85. Where Does Today Come Before Yesterday?

Question:

Where does **today come before yesterday**?

Answer:

In a dictionary

Explanation:

It's about **word order**, not time.
"Today" appears before "yesterday" alphabetically.

◈ 86. What Increases the More You Share It?

Question:

What increases the more you **share** it?

Answer:

Knowledge (or **happiness**)

Explanation:

Unlike most things, **the more you give**, the more you get back.

◈ 87. The Riddle of the Stairs

Question:

If you take **2 steps forward and 1 step back**, how many steps will it take to reach **10 steps forward**?

Answer:

17 steps

Explanation:

Every 2 forward + 1 back = **1 net step forward** every **3 steps**
You need 7 full cycles (7 × 3 = 21 steps) to reach 7 net steps
Then do 3 steps forward (no back) = **21 + 3 = 24 —** wait!

✅ Let's break it down better:

- 2F + 1B = 1 net step
- Repeat this 7 times = 7 net steps (21 actual steps)
- Now do one last 2F (to get from 7 → 9) = +2 → 9
- Then 1 more forward step = 10
  - ✅ Total actual steps = 21 + 2 + 1 = **24**

Answer corrected: ✅ **24 steps**

◈ 88. The Burned Rope Timer

Question:

You have a rope that burns in **60 minutes**, but not at a uniform rate.
How do you measure exactly **45 minutes**?

Answer:

- Burn **one rope at both ends** → burns in 30 minutes

- At the same time, burn another rope at **one end**
- When first rope finishes, **light second rope's other end**

→ Remaining burns in 15 minutes

✅ 30 + 15 = **45 minutes**

◈ 89. The Odd Numbers Riddle

Question:

What three **positive numbers** give the same answer when **multiplied** and **added**?

Answer:

1, 2, and 3

Explanation:

- 1 + 2 + 3 = **6**
- 1 × 2 × 3 = **6**

◈ 90. I Start with T...

Question:

I start with **T**, end with **T**, and have **T** in me. What am I?

Answer:

Teapot

Explanation:

Starts and ends with letter **T**, and
contains **"tea"** inside.
Wordplay plus logic!

🧠 NDA Psychology and Logic Puzzle Guide (Part 10)

*(Unique Questions 91–100 | Final 10 in This Set | Exam-
Ready)*

◈ 91. What Breaks Yet Never Falls?

Question:

What breaks but never falls, and what falls but never
breaks?

Answer:

Day breaks, night falls

Explanation:

A poetic riddle about time.
Day "breaks" (dawn), night "falls" (evening). Neither
literally breaks or falls.

◈ 92. How Many 9s Between 1 and 100?

Question:

How many times does the digit **9** appear between **1 and 100**?

Answer:

20 times

Explanation:

- From 1 to 99:
  → 9, 19, 29...99 → 10 times in units place
  → 90 to 99 → 10 times in tens place
  ✅ Total = **20**

◈ 93. The Boy With 17 Sisters

Question:

A boy has 17 sisters. Each sister has **only one brother**.
How many children are there in the family?

Answer:

18 children

Explanation:

All 17 sisters share the **same one brother**
→ 17 girls + 1 boy = **18 kids**

◈ 94. The More You Remove...

Question:

The more you remove from me, the bigger I get. What am I?

Answer:

A hole

Explanation:

Digging removes material but makes the **hole grow**. Reverse thinking logic.

◈ 95. Always Ahead, Never Behind

Question:

What is always in front of you but can't be seen?

Answer:

The future

Explanation:

You're moving toward it constantly, but you **can't see or touch** it.

◈ 96. The Last Name Riddle

Question:

Mr. Blue lives in a blue house, Mrs. Yellow in a yellow house, and Mr. Black in a black house. Who lives in the white house?

Answer:

The President

Explanation:

"The White House" refers to the **official residence** of the U.S. President.
Play on words.

◈ 97. If You Drop Me...

Question:

If you drop me, I'm sure to crack. But give me a smile, and I'll smile back. What am I?

Answer:

A mirror

Explanation:

Breaks if dropped, and reflects your smile.
Classic riddle.

◈ 98. The 100th Digit of Pi

Question:

Without calculating, what is the 100th digit of π **(pi)**?

Answer:

There's no trick answer without computing

Explanation:

This is a trick question in exams — it tests if you'll assume or guess.
You should say: **Need calculation** or **not known exactly**

◈ 99. Which Number Has No Roman Numeral?

Question:

What number **between 1 and 100** cannot be written in **Roman numerals**?

Answer:

> **Zero (0)**

Explanation:

> Romans had **no symbol for zero**. Roman numerals begin from **I (1)**.

◈ 100. What Ends Everything?

Question:

> What comes at the end of everything?

Answer:

> The letter **"g"**

Explanation:

> "Everythin**g**" ends with **g** — language-based twist!

🎉 **Congratulations! You've reached Question 100.**