

Logic Riddles with Answers

From brainpuzzles.games

1.

A man is found dead in the middle of an empty field. Next to him lies an unopened package. How did he die?

3.

A boy and his father are in a car crash. The father dies. At the hospital the surgeon says, I cannot operate on this boy, he is my son. How?

5.

A truck driver goes the wrong way down a one way street, passes ten police officers, and none of them stop him. Why?

7.

An electric train is heading south at 100 km per hour. The wind blows from the north. Which way does the smoke drift?

9.

A man went out for a walk in heavy rain with no umbrella, no hat and no hood, yet not a hair on his head got wet. How?

11.

If you have me, you want to share me. If you share me, you no longer have me. What am I?

13.

Mary's father has five daughters: Nana, Nene, Nini and Nono. What is the fifth daughter's name?

2.

Romeo and Juliet lie dead on the floor. Around them are broken glass and a puddle of water. There is not a mark on their bodies. What happened?

4.

A cowboy rides into town on Friday, stays three days, and leaves on Friday. How is that possible?

6.

A plane crashes exactly on the border between the United States and Canada. Where do they bury the survivors?

8.

What can be broken without ever being held or touched?

10.

Feed me and I grow. Give me a drink and I die. What am I?

12.

What goes up every year but never comes down?

14.

What runs but never walks, has a mouth but never talks, and has a bed but never sleeps?

15.

What disappears the moment you say its name?

17.

Six children and two dogs stood under one small umbrella, yet nobody got wet. How?

19.

A man pushes his car until he reaches a hotel. The moment he arrives, he knows he is bankrupt. What happened?

21.

The person who makes it sells it. The person who buys it never uses it. The person who uses it never knows it. What is it?

23.

You have two ropes. Each takes exactly one hour to burn, but they burn unevenly along their length. How do you measure exactly 45 minutes?

25.

Two girls were born to the same mother on the same day of the same year, yet they are not twins. How?

27.

Two sisters stand on the same sheet of newspaper at the same time, yet no matter how far they reach, they cannot touch each other. Where is the newspaper?

16.

What has many teeth but cannot bite?

18.

A man lives on the tenth floor. Every morning he rides the elevator down. In the evening he rides to the seventh floor and walks the rest, unless it is raining or someone else is in the elevator. Why?

20.

Two women order identical glasses of iced tea. One drinks hers slowly and dies. The other drinks four glasses quickly and is fine. Why?

22.

You are downstairs with three light switches. One controls a bulb upstairs. You may go upstairs only once. How do you find the right switch?

24.

A moving truck gets wedged tight under a low bridge. Engineers argue for an hour about cutting the bridge or unloading the trailer. A kid on a bicycle fixes it in one sentence. What does the kid say?

26.

At two in the morning a hotel guest dials the room next to his, lets it ring once, and hangs up without saying a word. Then he finally falls asleep. Why did he call?

28.

A pet shop owner swears his parrot repeats every single word it hears. A week later the buyer storms back because the bird has not made a sound. The owner told the truth. How?

29.

A girl fell off a 20 foot ladder yet was not hurt at all. Why not?

31.

Before Mount Everest was discovered, what was the highest mountain on Earth?

33.

A shepherd whistles for his dog from the far bank of a wide river. There is no bridge and no boat, yet the dog reaches him in under a minute without swimming and without getting wet. How?

35.

A rope ladder hangs over the side of a boat with its bottom rung touching the water. The tide rises half a meter every hour. After six hours, how many rungs are underwater?

37.

A farmer builds a straight fence exactly ten meters long, with a post standing at every meter mark from the very start to the very end. How many posts does he plant?

39.

Without adding, subtracting, multiplying or dividing, how do you make the number seven even?

41.

I am light as a feather, yet the strongest person cannot hold me for more than a few minutes. What am I?

43.

A man leaves home, makes three left turns, and returns home to find two masked men waiting for him. Who are they?

30.

How far can a dog run into the woods?

32.

A woman shoots her husband, then holds him underwater for five minutes. An hour later they go out for a lovely dinner together. How?

34.

My aunt says she can name the score of any football match before it kicks off, and she has never once been wrong. What score does she always give?

36.

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

38.

A window cleaner falls from a 40 story building yet walks away without a scratch. How?

40.

A monkey, a squirrel and a parrot race to the top of a tall coconut palm. Whoever gets there first wins the banana. Who takes it?

42.

A man is found hanging in a locked room with no furniture, only a puddle of water beneath his feet. How did he do it?

44.

What is always in front of you but can never be seen?

45.

A guard tells a prisoner: say one sentence. If it is true, we take your gold. If it is false, we take your horse. The prisoner says five words and rides away with both. What did he say?

47.

How many seconds are there in one whole year?

49.

A rooster sits at the very top of a slanted barn roof and lays an egg. Which side of the roof does the egg roll down?

51.

There are five apples in a bowl and you take away three. How many apples do you have?

53.

Which weighs more, a pound of feathers or a pound of bricks?

55.

How many times can you subtract five from twenty five?

57.

You walk into a pitch dark room holding a single match. There is a candle, an oil lamp, and a wood stove. What do you light first?

46.

A gardener must plant four trees so that each one stands exactly the same distance from all the others. On flat ground it cannot be done. How does she manage it?

48.

Two doors, one leads to freedom and one to doom. Two guards know which is which, one always lies and one always tells the truth. You may ask one question. What do you ask?

50.

Some months have 31 days and some have 30. How many months have 28 days?

52.

A man builds a house with all four walls facing south. A bear wanders past the door. What color is the bear?

54.

A farmer keeps seventeen sheep, and all but nine run off. How many sheep does he have left?

56.

Two fathers and two sons go fishing. Each catches exactly one fish, yet only three fish are caught. How?

58.

On an island of knights who always tell the truth and knaves who always lie, you meet A and B. A says, We are both knaves. What is each one?

59.

Three friends pay ten dollars each for a thirty dollar room. The clerk refunds five dollars through a bellhop who pockets two and returns one to each guest. Each paid nine, totaling twenty seven, plus the bellhop's two makes twenty nine. Where is the missing dollar?

61.

You have nine identical looking balls, but one is slightly heavier. Using a balance scale only twice, how do you find the heavy one?

63.

A frog sits at the bottom of a well thirty feet deep. Each day it climbs up three feet, and each night it slides back two. How many days does it take to escape?

65.

Two trains one hundred miles apart race toward each other, each at fifty miles per hour. A bird flying seventy five miles per hour darts between their fronts until they meet. How far does the bird fly?

67.

A farmer must ferry a wolf, a goat, and a cabbage across a river in a boat that carries only him and one of them. Left alone, the wolf eats the goat and the goat eats the cabbage. In what order does he cross?

69.

At a small gathering every person shakes hands with every other person exactly once, producing sixty six handshakes in all. How many people were there?

60.

You pick one of three doors hoping for the car. The host, who knows what hides behind each, opens a different door showing a goat, then offers to let you switch to the last door. Should you switch?

62.

Four people must cross a rickety bridge at night sharing one flashlight that lights only two crossing together, who then move at the slower one's pace. They need one, two, seven, and ten minutes. What is the fastest everyone can be across?

64.

One of a thousand numbered bottles is poisoned, and a test strip turns dark a day after touching any poison. With ten strips and a single day, how do you find the poisoned bottle?

66.

You have a seven minute hourglass and an eleven minute hourglass. How do you measure exactly fifteen minutes?

68.

On the island of knights and knaves, A tells you, If I am a knight, then B is a knight. What are A and B?

70.

A father is four times as old as his son. In twenty years he will be only twice his son's age. How old are they now?

71.

The day before yesterday I was twenty five, yet next year I will turn twenty eight. On what day are we speaking?

73.

Blindfolded, you face ten coins on a table and are told exactly three show heads. You cannot see or feel which. How do you split them into two piles that each show the same number of heads?

75.

A woman says her three daughters' ages multiply to thirty six and add up to the number on the house across the street. The visitor looks and says that is not enough, so she adds, my eldest is learning piano. Now he knows. What are the ages?

77.

A knockout tennis tournament starts with sixty four players, and every match sends the loser home. How many matches decide the champion?

79.

A man wills seventeen camels to his sons: half to the eldest, a third to the middle, and a ninth to the youngest. A neighbor lends one camel to make eighteen. How does the herd then divide?

72.

With only a three liter jug, a five liter jug, and a running tap, how do you measure exactly four liters?

74.

A teacher puts a black or white hat on Ann and on Ben, tells them at least one hat is black, and lets each see only the other's. She asks Ann if she knows her own color; Ann says no. Ben instantly says he knows his. What color is Ben's hat?

76.

A family has exactly two children, and you learn that at least one of them is a boy. What is the chance that both children are boys?

78.

Three sages each receive a red hat, though each is told only that the hats are red or blue and at least one is red. Each sees the other two but not his own. After a shared pause in which no one speaks, all three announce red at once. How?

Answer Key

Logic Riddles with Answers, from brainpuzzles.games

1. He fell from a plane. The package was his parachute, and it never opened.
2. They were goldfish. The cat knocked their bowl off the table and they suffocated.
3. The surgeon is his mother. The riddle only works if you assume surgeons are men.
4. His horse is named Friday. He rode in and out on the same animal, not the same weekday.
5. He is walking. The rule applies to driving, and he left his truck behind.
6. Nowhere. You do not bury survivors, they are alive.
7. There is no smoke. Electric trains do not burn anything.
8. A promise. Breaking it needs no hands at all.
9. He is bald. There was no hair to get wet.
10. Fire. Fuel makes it bigger, water puts it out.
11. A secret. Telling it is exactly what destroys it.
12. Your age. It only moves in one direction.
13. Mary. The first word of the riddle already told you.
14. A river. It runs its course, opens into a mouth, and rests in a riverbed.
15. Silence. Speaking any word at all destroys it.
16. A comb. Its teeth only untangle hair.
17. It was not raining. The umbrella had nothing to block.
18. He is very short. He can only reach the button for the seventh floor, unless he has an umbrella to press higher or someone presses it for him.
19. He is playing Monopoly. His token is the car, and he landed on a hotel he cannot afford.
20. The poison was in the ice. The fast drinker finished before her ice melted, the slow drinker gave it time to dissolve.
21. A coffin. It is built to sell, bought for someone else, and its occupant is past knowing.
22. Turn the first switch on for a few minutes, turn it off, turn the second on, then go up. A lit bulb means switch two, a warm dark bulb means switch one, a cold dark bulb means switch three.
23. Light the first rope at both ends and the second at one end. When the first burns out, 30 minutes have passed, so light the other end of the second rope. It burns out 15 minutes later, at exactly 45 minutes.
24. Deflate the tires. The truck drops a few centimeters and rolls out on its own.
25. They are two of a set of triplets. The wording never said there were only two children.
26. The neighbor was snoring. The ring woke him just enough to stop the noise.
27. Under a closed door. One sister stands on each end, with the door between them.
28. The parrot is deaf. It repeats every word it hears, and it hears nothing at all.
29. She fell off the bottom rung. The ladder was tall, her fall was not.
30. Halfway. After the middle it is running out of the woods, not into them.

31. Still Mount Everest. It was the highest whether or not anyone had found it yet.
32. She photographed him. She shot a picture, developed the film in liquid, and hung it to dry.
33. The river was frozen. The dog trotted straight across the ice.
34. Nil nil. Before kickoff nobody has scored, so every match in history starts there.
35. None. The boat floats, so the ladder rises with the tide.
36. Nothing. The poor have nothing, the rich need nothing, and eating nothing kills you.
37. Eleven. Ten gaps of one meter need a post on both ends, so the posts outnumber the gaps by one.
38. He was cleaning windows from the inside. He fell off a small stepladder onto the floor.
39. Take away the letter s. Seven turns into even.
40. No one. A coconut palm has no bananas to win.
41. Breath. Holding it takes no strength, but nobody can hold it for long.
42. He stood on a large block of ice. It melted away, leaving only the puddle.
43. The catcher and the umpire. He is playing baseball and just ran the bases back to home plate.
44. The future. It is always ahead, yet invisible until it arrives.
45. You will take my horse. If that is true they must take his gold instead, which makes it false. If it is false they must take the horse, which makes it true. The rule eats itself, so he keeps everything.
46. She uses a hill. Three trees form a triangle around the base and the fourth goes on top, making a pyramid with four equal edges.
47. Twelve. Every month has a second: January 2nd, February 2nd, and so on through December.
48. Ask either guard which door the other guard would say leads to freedom, then take the opposite door. Both guards end up pointing at the wrong door, so the opposite is safe.
49. Neither. Roosters do not lay eggs.
50. All twelve. Every month contains a 28th day.
51. Three. You have the ones you took.
52. White. The house sits at the North Pole, so it is a polar bear.
53. Neither. A pound is a pound.
54. Nine. All but nine ran away.
55. Once. After that you are subtracting from twenty.
56. There are only three people: a grandfather, his son, and his grandson.
57. The match. Nothing else can be lit without it.
58. A is a knave and B is a knight.
59. Nowhere. The twenty seven already includes the bellhop's two, so adding it double counts.
60. Yes. Switching wins two times out of three.
61. Weigh three against three; the heavier side, or the odd trio if they balance, holds it, then weigh one of those three against another.

62. Seventeen minutes.
63. Twenty eight days.
64. Number the bottles in binary, let each strip stand for one of ten bits, and test it on every bottle whose number has that bit set; the darkened strips spell the number.
65. Seventy five miles.
66. Start both at once. When the seven empties, flip it. When the eleven empties at minute eleven, flip the seven again, and its four minutes of sand run out at minute fifteen.
67. Take the goat over, return empty, take the wolf, bring the goat back, take the cabbage, return empty, then take the goat.
68. Both are knights.
69. Twelve.
70. The father is forty and the son is ten.
71. January the first, with a birthday on December the thirty first.
72. Fill the five and pour into the three, leaving two; empty the three and move the two into it; refill the five and top off the three, which leaves four in the five.
73. Slide any three coins into a separate pile and flip all three; now both piles show equal heads.
74. Black.
75. Two, two, and nine.
76. One in three.
77. Sixty three.
78. Each reasons that a blue hat would let another sage deduce his color sooner, so the silence proves every hat is red.
79. Nine, six, and two, which total seventeen, so the neighbor takes his own camel back.