

Logic Puzzles!

1) Pets & Cloaks

Heroes: Ava, Ben, Kai

Pets: Dragonling, Sprite, Wolf Pup

Cloaks: Red, Blue, Green

Clues:

1. Ava doesn't wear red.
2. The sprite belongs to the hero in green.
3. Ben owns the wolf pup.
4. Kai doesn't wear blue.
5. The hero in red does not own the wolf pup.
6. The dragonling is not Ava's.

Answer: Ava = Green & Sprite; Ben = Blue & Wolf Pup; Kai = Red & Dragonling.

2) Which Key Opens Which Door?

Keys: Star, Moon, Leaf

Doors: Library, Tower, Cellar

Clues:

1. The leaf key opens the cellar.
2. The star key does not open the library.
3. The moon key opens a door above ground.
4. The tower is opened by a key whose name starts with a consonant.

Answer: Star → Tower, Moon → Library, Leaf → Cellar.

3) Campfire Seating (in a line, left to right)

Heroes: Mira, Theo, Luna, Zara

Clues:

1. Theo is somewhere to the right of Mira.
2. Luna is not at either end.
3. Zara is two places away from Mira.
4. Zara is not at the far-left seat.

Answer (left→right): Mira, Luna, Zara, Theo.

4) Crystal Deliveries

Heroes: Finn, Noor, Poppy

Places: Cave, Lake, Tree

Days: Monday, Tuesday, Wednesday

Clues:

1. Finn did not go on Monday.
2. The Lake delivery happened the day before Noor's trip.
3. Poppy did not go to the Cave.
4. The Tree delivery was on Wednesday.

Answer: Poppy → Lake (Mon), Noor → Cave (Tue), Finn → Tree (Wed).

5) Potion Bottles

Bottles: Red, Blue, Yellow

Ingredients: Feather, Leaf, Crystal

Brew Order: 1st, 2nd, 3rd

Clues:

1. The feather potion is not in the red bottle.
2. The blue bottle was brewed second.
3. The crystal potion was brewed before the leaf potion.
4. The red bottle is not the first brew.
5. The feather potion was brewed earlier than the crystal potion.

Answer: Yellow (1st) = Feather, Blue (2nd) = Crystal, Red (3rd) = Leaf.

6) The Truthful Chest

Chests: A, B, C

Labels:

- A: "Treasure is in chest B."
- B: "Treasure is not in chest A."
- C: "Treasure is not in chest B."

Rule: Exactly **one** label is true.

Answer: Treasure is in **Chest A** (only C's statement is true).

7) The Forest Race

Runners: Ria, Ollie, Max

Places: 1st, 2nd, 3rd

Clues:

1. Ria finished ahead of Max.
2. Ollie did not win.
3. Exactly one runner finished between Ria and Ollie.

Answer: Ria = 1st, Max = 2nd, Ollie = 3rd.

8) The Bard's Tune

Bards: Sora, Tane, Willow

Instruments: Flute, Drum, Harp

Villages: Brook, Harbor, Meadow

Clues:

1. The harp player did not visit Harbor.
2. Sora played a stringed instrument.
3. Tane visited Meadow.
4. Willow does not play the drum.

Answer: Sora = Harp at Brook; Tane = Drum at Meadow; Willow = Flute at Harbor.

9) Festival Pies

Bakers: Ana, Bo, Chen

Flavours: Apple, Berry, Peach

Stalls: #1, #2, #3

Clues:

1. Ana's stall number is one less than the person with the peach pie.
2. Berry pie is at stall #3.
3. Bo does not bake apple.
4. Chen's stall is not #1.
5. Bo's stall number is higher than Chen's.

Answer: Ana = Apple at #1; Chen = Peach at #2; Bo = Berry at #3.

10) Mounts & Cloaks

Heroes: Nia, Paolo, Quinn

Mounts: Eagle, Horse, Turtle

Cloaks: Red, Blue, Purple

Clues:

1. The eagle rider wears the blue cloak.
2. Quinn does not ride the turtle.
3. Nia wears red.
4. Paolo does not ride the horse.
5. The purple cloak belongs to the turtle rider.

Answer: Quinn = Eagle (Blue), Paolo = Turtle (Purple), Nia = Horse (Red).