



Look very closely and try to spot seven differences in the two pictures below. For more clues, check out *Up* on Disney Deluxe Blu-ray™ or DVD!





Anewere: 1) Kevin's head feather missing. 2) Kevin's face color change. 3) Russell's arm patch missing.
4) Russell's blue pail missing. 5) Russel's trumpet mark missing. 6) Carl's lapel pin missing. 7) Paradise Falls missing.

AVAILABLE ON (BILL-ray)







NOVEMBER 10, 2009







SCIENCE FUN

Have you ever wondered how many helium balloons it would take to lift different objects Up into the air?

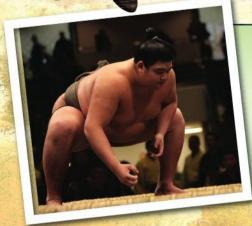
It's a tricky question and an even trickier answer because there are so many variables to consider. For instance:

- . How big are the balloons?
- . How heavy is the object?
- How quickly to do you want the object to rise Up?

We have come Up with a general formula you can use to figure out how many balloons it would take to lift... well, just about anything!

- · Helium has a lifting force of about 1 gram per liter.
- An average size party balloon is approximately 30cm (one foot) in diameter.
- It can hold approximately 14 liters.
- That's 14 grams of lift power per balloon.
- Estimate and subtract the weight of the string and the latex balloon.
- Formula: 1 balloon = 10 grams of lift power.

How Many Balloons Would It Take To Lift:



148,000 Balloons

A Sumo Wrestler?

The average weight of a Sumo wrestler is approximately 148 kg (or 326 lbs). That means it would take about 148,000 balloons to send this guy Up.

Fun Fact:

Sumo wrestling was established as a national sport in 1909.

A Bicvcle?

The average bicycle weighs approximately 19 kilograms (or 42 lbs). You will need approximately 1,900 balloons to turn this 2-wheeler into an air-bike.

Fun Fact: Before the Wright Brothers built their first flying airplane in 1903, they operated a small bicycle repair shop.

1,900 **Balloons**





Your Neighbor's Dog?

This happy Labrador Retriever dog weighs in at 32 kg (70 lbs). It would take approximately 3200 to lift this furry friend off the ground

Fun Fact:

The voice of Dug (the Dog) in the movie Up is actually the voice of Co-Director / Screenwriterriter, Bob Peterson,





A Small House?

This figure can vary in terms of quanity of ballons given the size and scale of the house. Let's say the house in Disney/Pixar's movie Up weighed about 46,000 kg (that's 101,413 lbs). That means it takes approximately 4,600,000 balloons to send Carl's home Up and away!

Fun Fact:

Nearly 70 animators worked on the movie Up during peak production.



A Blu-ray Disc™ Player

Most models weigh just over 2 kg (4.5 lbs.) which requires 200 balloons to add a whole new meaning to Blu-ray™ "high definition."





22 **Balloons**

Disney · Pixar's Up Blu-ray™Combo Pack

At approximately 227 grams (or 0.5 lbs) in weight, it requires approximately 22 balloons to send the movie Up, up and away!







AVAILABLE ON (BIU-ray) & DISNEY NOVEMBER 10, 2009



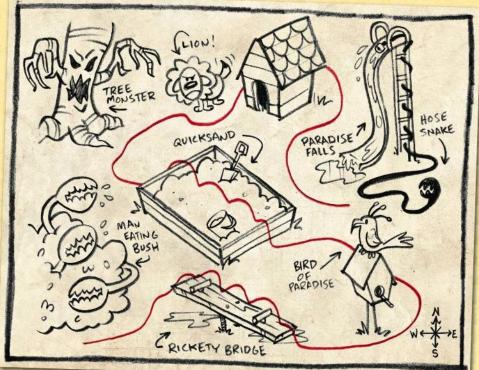
ADVENTURE AND MAKE IT YOUR MISSION TO DISCOVER THE REAL PARADISE FALLS!

MAP IT OUT!

Choose a location. 2 Ask a grandparent or parent to help you make your adventure map. 3 Figure out your mission and come up with ideas to map out a world of adventure! Turn hedges into dangerous man eating plants and make hoses into giant poisonous snakes. Whatever you can imagine! 4 Draw out your map. 5 Draw a line to show the path of your mission.







BE PREPARED!

Gear up for the adventure! Use a checklist to prepare your backpack.

MY ADVENTURE CHECKLIST

■ Imagination	☐ Pen and Paper
☐ Favorite Companion	00
☐ Binoculars	
☐ Canteen	
□ Compass	
☐ Food	
☐ Flashlight	
☐ Camera	

.......



RESEARCH & DISCOVER!

When you allow yourself to use your imagination, common bugs and leaves can become real scientific breakthroughs! Be the first to discover exotic creatures and plant life never-before-seen by man! Remember, part of the adventure is what you discover along the way!

For more great adventures check out the Blu-ray™ **Combo Pack or** Deluxe DVD of Up!

AVAILABLE ON





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