

Two Whats?! & A Wow! - On Another Planet

Round 1

(SOUNDBITE OF DRUM ROLL)

(SOUNDBITE OF THEME MUSIC, "TWO WHATS?! AND A WOW!")

Announcer. It's Two Whats?! And a Wow! (SOUNDBITE OF AUDIENCE CHEERING)
With your hosts, Mindy and Guy Raz! (SOUNDBITE OF AUDIENCE CHEERING)

Voices. (SINGING) Two whats! Two what's? Two whats! Two whats? Two what's!
Two what's? Two what's! And a wow!

(THEME MUSIC ENDS)

Mindy. Helloooooo and welcome to Two Whats?! And A Wow!

Voices. (SINGING THEME) Two whats and a wow!

Guy Raz. The scientific game show that separates the wows from the whaaaaats?!

(SOUNDBITE OF AUDIENCE CHUCKLING)

Guy Raz. And the category or theme for today is...

(SOUNDBITE OF DRUM ROLL)

Guy Raz. Planets! Mindy, what don't you refresh our contestants on how the game works?

Mindy. You know it, Guy Raz! Wowzers, in each of our three rounds today, Guy Raz and I will present you with three scientific statements about the planets in our solar system! (SOUNDBITE OF AUDIENCE OOH/AHH) But, and this is a BIG BUT (SOUNDBITE OF AUDIENCE LAUGHTER)...only one of those statements will be a true wow! The other two, just a couple of made up "whaaats"!

(SOUNDBITE OF AUDIENCE LAUGHTER)

Guy Raz. Now in each round, if you guess correctly, well, congratulations! You win a point!

Mindy. But, if you guess incorrectly, you must stop, drop, and do a ridiculous physical challenge.

(SOUNDBITE OF AUDIENCE REACT WOOHOO! / SHH!)

Guy Raz. Okay, everyone ready to start the game?

(SOUNDBITE OF AUDIENCE CHEERING)

Mindy. Great, then let's do it!

Guy Raz. Alright, round one... Which of the following statements is a true, scientific wow? Is it "A," Mercury is the most lightweight planet in the solar system?

Mindy. Or is it "B," a day on Venus is longer than a year on Venus?

Guy Raz. Or is it "C," Earth is the center of the universe?

Mindy. When you think you have the correct answer, yell "intergalactic planetary, planetary intergalactic!" Psst, Reggie!

Reggie. Cool!

Mindy. Cue the thinking music!

Reggie. Cool!

(SOUNDBITE OF THINKING MUSIC)

Guy Raz. And time is up! Let's now reveal the winning wow!

Mindy. And to do just that, it's George from Pennsylvania. George from Pennsylvania, tell us- what's the winning wow?

George. Hi my name is George. My wow is that a day on Venus is longer than a year on Venus!

Mindy. Winner winner, Venus Fly Traps for dinner!

Guy Raz. Thank you, George! Contestants, if you guessed the answer "B," that a day on Venus is longer than a year on Venus, well congratulations! You found the winning wow!

(SOUNDBITE OF BELL)

Mindy. Venus is closer to the sun than earth, which means that its orbital path, or distance around the sun, is shorter. The sun's gravitational pull on Venus is also stronger than on earth, so it orbits the sun faster. Both of these things make a year on Venus shorter. Only about two hundred and twenty five Earth days!

(SOUNDBITE OF AUDIENCE "OOOH")

Guy Raz. But Venus spins much, much more slowly than Earth does— about two hundred and forty three Earth days! That means that a day on Venus is actually shorter than one of its years!

(SOUNDBITE OF AUDIENCE "OOOH")

Mindy. Now, if you did not get thAT answer correct, you must stop, drop, and spin around two hundred and twenty five times! Around and around and around and around...

(SOUNDBITE OF SPINNING FOOTSTEPS)

(SOUNDBITE OF AUDIENCE LAUGHING)

Guy Raz. That actually sounds pretty good, Mindy! You know, maybe add some seaweed, some chia seeds...

Mindy. Uh, we're getting a little off topic here, Guy Raz.

(SOUNDBITE OF AUDIENCE LAUGHING)

Guy Raz. Well, congratulations to all of our winning wowzers! Mindy, what's today's prize?

Mindy. Guy Raz, today's winning wowzers will all be receiving their very own asteroid belt!

Guy Raz. Huh?

Mindy. Reggie!

Reggie. Cool!

Mindy. Cue the prize cannon!

Guy Raz. Oh boy...

Mindy. Fire away!

Reggie. Cool!

(SOUNDBITE OF PRIZE CANNON FIRING)

Mindy. Woohoo! Keep your pants up, solar system-style!

Guy Raz. Uh, hey Mindy, do you have any asteroid suspenders?

Mindy. Oh, I had some made just for you, Guy Raz!

Guy Raz. Aw, thanks Mindy!

(SOUNDBITE OF SUSPENDERS SNAP)

Guy Raz. Well, that's about all the time we have for today, but if you want to keep the fun going even longer, be sure to come back for another round of Two Whats?! And A Wow!

Mindy & Guy Raz. Keep on wowing!

(SOUNDBITE OF THEME MUSIC, "TWO WHATS?! AND A WOW!")

Voices. (SINGING) Two whats! Two what's? Two whats! Two whats? Two what's!
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Round 2

(SOUNDBITE OF DRUM ROLL)

(SOUNDBITE OF THEME MUSIC, "TWO WHATS?! AND A WOW!")

Announcer. It's Two Whats?! And a Wow! (SOUNDBITE OF AUDIENCE CHEERING)

With your hosts, Mindy and Guy Raz! (SOUNDBITE OF AUDIENCE CHEERING)

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(THEME MUSIC ENDS)

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(SOUNDBITE OF AUDIENCE CHUCKLING)

Guy Raz. And the category or theme for today is...

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Mindy. You know it, Guy Raz! Wowzers, in each of our three rounds today, Guy Raz and I will present you with three scientific statements about the planets in our solar system! (SOUNDBITE OF AUDIENCE OOH/AHH) But, and this is a BIG BUT (SOUNDBITE OF AUDIENCE LAUGHTER)...only one of those statements will be a true wow! The other two, just a couple of made up "whaaats"!

(SOUNDBITE OF AUDIENCE LAUGHTER)

Guy Raz. Now in each round, if you guess correctly, well, congratulations! You win a point!

Mindy. But, if you guess incorrectly, you must stop, drop, and do a ridiculous physical challenge.

(SOUNDBITE OF AUDIENCE REACT WOOHOO! / SHH!)

Guy Raz. Okay, everyone ready to start the game?

(SOUNDBITE OF AUDIENCE CHEERING)

Mindy. Great, then let's do it!

Guy Raz. Ok, round two... Which of the following statements is a true, scientific wow? Is it "A," Mars' polar caps are made of dry ice?

Mindy. Or is it "B," Jupiter has the most moons in the solar system?

Guy Raz. Or is it "C," Saturn's rings are fried like onion rings, and taste great with honey mustard?

Mindy. When you think you have the correct answer, send a message into space!

(SOUNDBITE OF AUDIENCE LAUGHING)

(SOUNDBITE OF THINKING MUSIC)

Guy Raz. And time is up! And joining us by phone to reveal the winning wow, it's Toby from California! Toby, what's the wow?

Toby. Hi, my name is Toby. My wow is that Mars' polar caps are made of dry ice, which is frozen carbon dioxide.

(SOUNDBITE OF BELL)

Mindy. Winner winner, dry ice for dinner!

Guy Raz. Thank you, Toby! Wowzers, if you guessed "A," that Mars' polar caps are made of dry ice, well congratulations! You found the winning wow!

Mindy. Mars has an icy north and south pole, like Earth does! The north pole is made of frozen water, but the south pole has an ice cap made of frozen carbon dioxide, or dry ice.

(SOUNDBITE OF AUDIENCE "OOOH")

Guy Raz. During Mars' winter, about a third of the atmosphere's carbon dioxide freezes and forms an ice cap on the south pole. And in the spring, the ice thaws and evaporates back into the atmosphere!

(SOUNDBITE OF AUDIENCE "OOOH")

Mindy. Now if you did not get the answer correct, you must stop, drop, and nd freeze! Hold it... hold it... hoooooIIldddd ittttt.... And unfreeze!

(SOUNDBITE OF AUDIENCE LAUGHING)

Guy Raz. Well, congratulations to all of our winning wowzers! Mindy, what's today's prize?

Mindy. Guy Raz, today's winning wowzers will all be receiving their very own asteroid belt!

Guy Raz. Huh?

Mindy. Reggie!

Reggie. Cool!

Mindy. Cue the prize cannon!

Guy Raz. Oh boy...

Mindy. Fire away!

Reggie. Cool!

(SOUNDBITE OF PRIZE CANNON FIRING)

Mindy. Woohoo! Keep your pants up, solar system-style!

Guy Raz. Uh, hey Mindy, do you have any asteroid suspenders?

Mindy. Oh, I had some made just for you, Guy Raz!

Guy Raz. Aw, thanks Mindy!

(SOUNDBITE OF SUSPENDERS SNAP)

Guy Raz. Well, that's about all the time we have for today, but if you want to keep the fun going even longer, be sure to come back for another round of Two Whats?! And A Wow!

Mindy & Guy Raz. Keep on wowing!

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Round 3

(SOUNDBITE OF DRUM ROLL)

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(SOUNDBITE OF AUDIENCE REACT WOOHOO! / SHH!)

Guy Raz. Okay, everyone ready to start the game?

(SOUNDBITE OF AUDIENCE CHEERING)

Mindy. Great, then let's do it!

Guy Raz. Ok, round three.... Which of the following statements is a true, scientific wow? Is it "A," Uranus formed far outside our solar system and was pulled in later?

Mindy. Or is it "B," sometimes Pluto and Neptune's orbits overlap?

Guy Raz. Or is it "C," every three billion years, the planets in our solar system change places?

Mindy. When you think you have the correct answer, yell "I'm astro-not getting this wrong!" Hey Reggie! Can we get some thinking music please?

Reggie. Coo coo coo.

(SOUNDBITE OF THINKING MUSIC)

Guy Raz. And time is up! And joining us by phone, it's Marlowe from New York! Marlowe, what's the winning wow?

Marlowe. Hi Mindy and Guy Raz, my name is Marlowe. My wow in the world is that sometimes Pluto and Neptunes' orbits overlap.

(SOUNDBITE OF BELL)

Mindy. Winner winner, orbital gum for dinner!!

Guy Raz. That's right, Marlowe! Wowzers, if you guessed "B," that sometimes Pluto and Neptune's orbits overlap, well congratulations! You found the winning wow!

Mindy. The planet Neptune and the dwarf planet Pluto have very different orbital paths. Neptune has a mostly circle-shaped orbit, and Pluto's is more of an elliptical, or oval shape.

(SOUNDBITE OF AUDIENCE "OOOH")

Guy Raz. And while Pluto is typically farther from the sun than Neptune, because of its oval shape, there are times when Pluto is actually closer!

(SOUNDBITE OF AUDIENCE "OOH")

Mindy. Now if you did not get that answer correct, you must stop, drop, and blast off into space!

(SOUNDBITE OF AUDIENCE LAUGHING)

Guy Raz. Well, congratulations to all of our winning wowzers! Mindy, what's today's prize?

Mindy. Guy Raz, today's winning wowzers will all be receiving their very own asteroid belt!

Guy Raz. Huh?

Mindy. Reggie!

Reggie. Cool!

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