

Answer Key - Animal Double Crossing - November 18th, 2020

A word from our creators:

Some puzzles were tougher than others, but hopefully you were able to enjoy yourselves. Thank you all for playing with us and we hope these Answer Keys will help relieve any questions you had about the puzzles. We'll continue to work on new Online Escape Rooms for you, so stay tuned in to our website at tpl.ca/teens/programs-and-classes.jsp!

Puzzle 1:

Answer: city marina

The capitalized letter that starts off each sentence comes together to spell "city marina" when arranged in the order of appearance.

Puzzle 2:

Answer: 3-4 pm

The main clues to look for in the photo are the fact that it's sunny, and the direction that the wind is blowing. According to the weather table, we see it's only sunny between 9-10am, 10-11am, 11am-12pm, 3-4pm and 4-5pm. But only one of those hour timeslots has a wind direction of N for North, which is what the weathervane on top of the ship is pointing towards according to the compass on the right hand side of the image. So the the correct answer is "3-4 pm"

Puzzle 3:

Answer: panda bears

Focusing on the numbers highlighted in green, each number represents a letter in the alphabet, and the number is that letter's position in the alphabetical sequence. For instance, 1 = A, 2 = B, 3 = C, and so on. Going from the first row and working down, this spells out "panda bears".

Puzzle 4:

Answer: 7

Here's what we know: the seven trucks all have different numbers written on them. The numbers are 3, 4, 7, 11, 12, 15 and 19. The trucks left in numerical order starting with 3

We can use the following clues in a process of elimination:.

- The numbers on different trucks can be added together to equal the number on the truck with the pandas. The same number cannot be used more than once. **This means that #12 is not an option since none of the other combinations of truck numbers add up to 12.**

- The number on the truck with the pandas is a prime number. **This means we can eliminate #4 and #15 as well since these are not prime numbers.**
- The truck that left in the middle does not contain the pandas. **The truck that left in the middle is #11, so we can rule that out as well.**
- If you subtract the numbers from the two trucks in front of the panda truck from the number on the panda truck, you get zero. **Now that we're left with #3, #7, and #19, this final clue helps us eliminate #3 and #19 since Truck #3 does not have any trucks leaving in front of it, and Truck #19 has #12 and #15, which do not add up to 19, so you can't get zero if you subtract them from 19.**

That's one way of arriving at the answer of "7".

Puzzle 5:

Answer: orange

Based on the RGB colour model, which is used for TV and computer screens, white is made by mixing red, blue and green light. So with the math equation requiring you to take White and subtract blue and green (leaving red), then adding yellow, we end up with "orange".

Puzzle 6:

Answer: B

The quickest way to find out the proper exit through the Maze is to work backwards. Start at each exit and soon you'll find that Exits A, C, and D are completely sealed off from the entrance, which leaves us with Exit "B".

Puzzle 7:

Answer: 042

The first two clues eliminate the number 5. 5 is in the same place with both clues, but there is only one number correct in each combination. Since 5 cannot be in both the right and wrong place, it is clearly not in the combination.

Using the third clue, this means both 2 and 0 are correct but in the wrong place. 2 was part of the combination for the first clue, so we know that it is correct as the third number in the combination.

The last two clues tell us that 0 must be the first number in the combination. Since the fourth clue tells us that 7 and 3 are both incorrect, 0 must be correct in the last combination. However, we know 0 was in the wrong spot as both the second and third digit, so it must be the first digit.

We now have to go back to the second clue to figure out the second digit in the combination. We have eliminated 5, so either 1 or 4 is correct. However, the clue tells us that the correct digit is in the wrong place, so it cannot be 1 as it is the second digit. Therefore, the second digit is 4.

Puzzle 8:

Answer: north pole

Rearranging the letters or using a word unscrambler can help you identify “north pole” as the smuggler hideout!