

## Answer Key - Lost at Seaside - July 21st, 2021

**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](http://tpl.ca/teens/programs-and-classes.jsp)!*

### **Puzzle 1: Lost in the Grid**

Answer: 8

Add the two top numbers in a grid

Add the three bottom numbers in a grid

The sums that you come up with should be exactly the same (no matter which grid you try this on)

In the final grid, you have  $5+6+1$  in the bottom of the grid which adds up to 12

In the top row, what plus 4 equals 11? That would be 8!

### **Puzzle 2: Pyramids**

Answer: 27

There are 16 (single triangles), 7 (3-formation triangles), 3 (9-triangle formation triangles) and 1 big triangle around the whole tray. The tricky triangle is an upside-down 3-formation triangle hidden in the middle of the tray.

### **Puzzle 3: Boats Afloat**

Answer: 0

The boat rises and falls with the tide so the ladder will never go below the surface of the water.

### **Puzzle 4: Shell Out!**

Answer: 537

- The first clue reveals that all numbers are correct but two in the wrong place so we can work with 3-5-7 as our numbers for now
- The second clue reveals more positions that don't work for two of the correct numbers 3-X-5
- The third clue tells us that one number is correct and in the right place? It has to be 5-X-X as we know 5 as one of the combination numbers
- The fourth clue reveals that one number is correct but wrongly placed? That's probably 3 because 5 is already placed so:
  - ❖ We already have first number as 5
  - ❖ Because five is in the first slot and 3 is a confirmed combination number, but in the wrong place, the second number is 3
  - ❖ That leaves us with 7 as the last number through process of elimination

### **Puzzle 5: Let's Blow this Popsicle Stand**

Answer: THE LAKE

When properly arranged, the letters located in the middle of each popsicle stick spell out "THE LAKE".

### **Puzzle 6: Ships Ahoy**

Answer: walleye bass pike sunfish

### **Puzzle 7:**

Answer: 7.

The first three wave peaks are 0.5m apart.

The following two wave peaks (i.e. peaks four and five) are twice as far apart, so they are 1m apart.

The sixth and seventh peaks are thrice (three times) as far apart as the fourth and fifth, so they are 3m apart.

The eighth and ninth peaks are half as far apart as the last two, so they are 1.5m apart. So you want to cast after the seventh peak, as the distance between the seventh and eighth is 1.5m.

**Puzzle 8:**

Answer: 327-7843.

Each letter in "DA SQUID" represents one of the keys on the phone. So D=3, A=2, etc.