

RESIDENT DAILY DELIGHT



It's National Dolphin Day!

Today recognizes the social and intelligent mammals of the water.

Cetacean mammals that are related to whales and porpoises, they range in size from 4 feet to up to 30 feet; dolphins are among almost forty species in 17 general. Found worldwide, they prefer the shallower seas of the continental shelves.

SOCIAL, SWIFT, AND INTELLIGENT

Dolphins are known to have acute eyesight both in and out of the water. They also have a well-developed sense of touch, with free nerve endings densely packed in the skin. Since they additionally have such acute hearing, they can hear frequencies ten times or more above the upper limit of what adult humans can. Dolphins are also capable of making a broad range of sounds using nasal air sacs located just below the blowhole.

Living in pods of up to a dozen dolphins, they are highly social animals. Pods do merge in areas where there is an abundance of food, forming superpods. These pods may exceed 1,000 dolphins. Dolphins can, and do, establish strong bonds within their pods. Even when one is injured or ill, they will stay, helping them to breathe by bringing them to the surface if needed.

The United States National Marine Mammal Foundation conducted a study revealing that dolphins, like humans, develop a natural form of type 2 diabetes. This discovery may lead to a better understanding of the disease and new treatments for both humans and dolphins.



ON THIS DAY...

April 14, 1939

John Steinbeck
novel "The
Grapes of Wrath"
published.

DID YOU KNOW???

Closer to us than we think....

Dolphins have a few sparse hair follicles but any hairs that are present fall out before or quickly after birth. They don't have any sweat glands either. Their skin is gray to dark gray smooth and rubbery. The epidermis constantly flakes and peels, just like humans. Their outer layer of skin is quickly sloughed off and replaced, keeping their body smooth and ensuring that they can swim efficiently.



Today's Trivia

Usually a dolphin's back is darker than its underside. Why is that so?

- A. They are just made that way
- B. Because of the reflection of the water
- C. The underside stays cleaner
- D. So it is difficult to see from above or below.

(answer on page 8)

Today's Wisdom:

The happiness of the bee and the dolphin is to exist. For man it is to know that and to wonder at it.

– Jacques Yves Cousteau

Today's Funny:

Why was the dolphin so grumpy?

(answer on page 8)



DAILY WORD SEARCH

Dolphin Day

O	L	S	Q	O	N	L	P	O	M	U	E	C	I
A	S	T	P	P	O	R	P	O	I	S	E	U	U
C	O	O	A	S	N	M	R	S	D	O	A	G	W
Q	C	E	T	A	C	E	A	N	E	S	G	B	O
U	I	W	C	V	N	G	U	M	N	F	S	O	M
A	A	B	D	C	U	O	C	U	M	L	M	T	F
T	L	A	T	L	S	Y	J	O	E	A	I	T	N
I	N	T	E	L	L	I	G	E	N	T	L	L	O
C	E	B	L	O	W	H	O	L	E	S	E	E	E
O	E	C	H	O	L	O	C	A	T	I	O	N	M
U	M	V	I	I	W	E	R	M	J	L	S	O	T
V	E	I	L	G	Q	M	O	C	E	A	N	S	I
C	T	R	W	W	O	N	T	N	A	A	U	E	Y
O	G	W	E	N	Y	S	S	T	C	S	E	C	E

Acquatic

Beluga

Blow Holes

Bottlenose

Cetacean

Echolocation

Intelligent

Mammal

Oceans

Orca

Pods

Porpoise

Smile

Social

Sounds

WORD JUMBLE

Every answer uses only the letters in the word:
How many can YOU make?

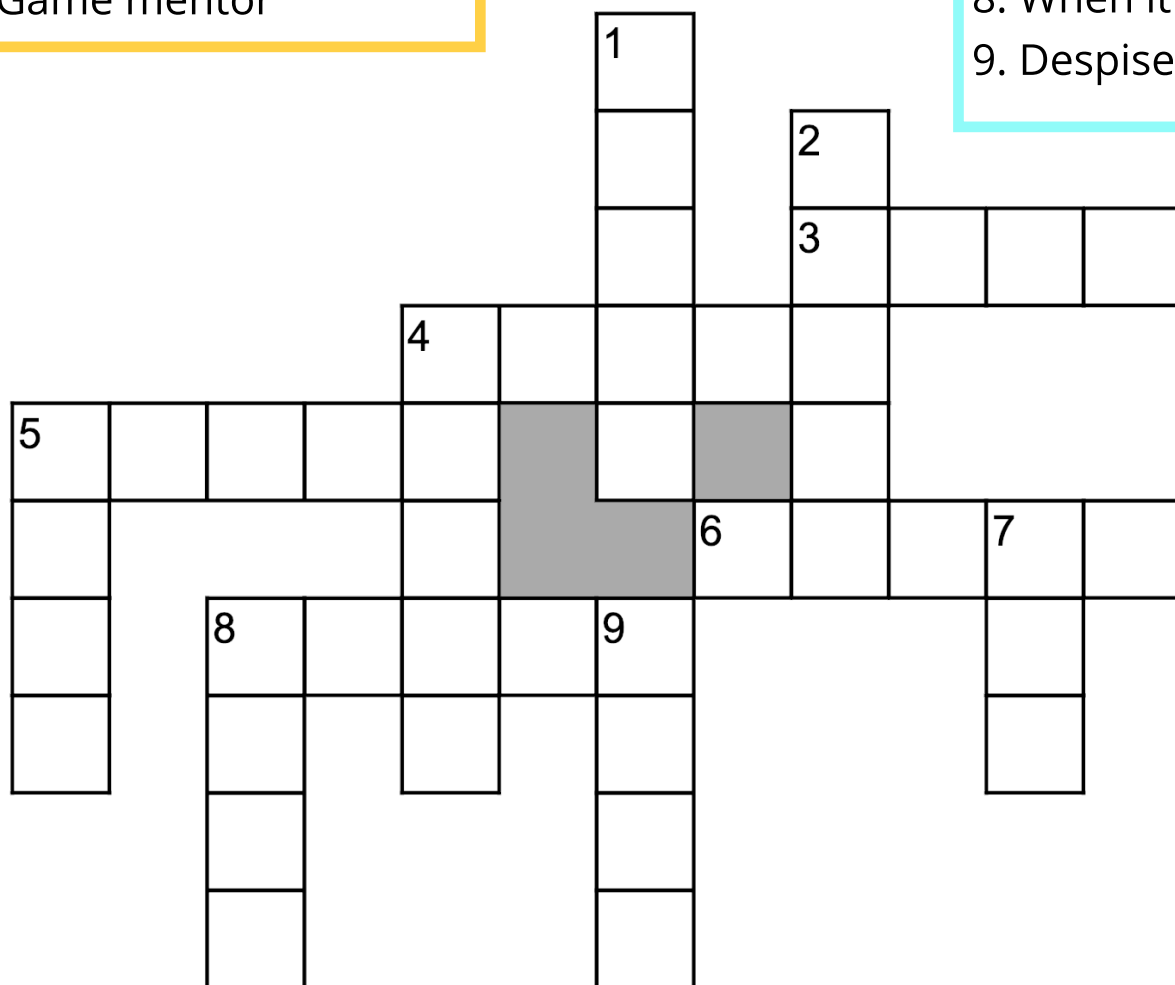
Echolocation

Across

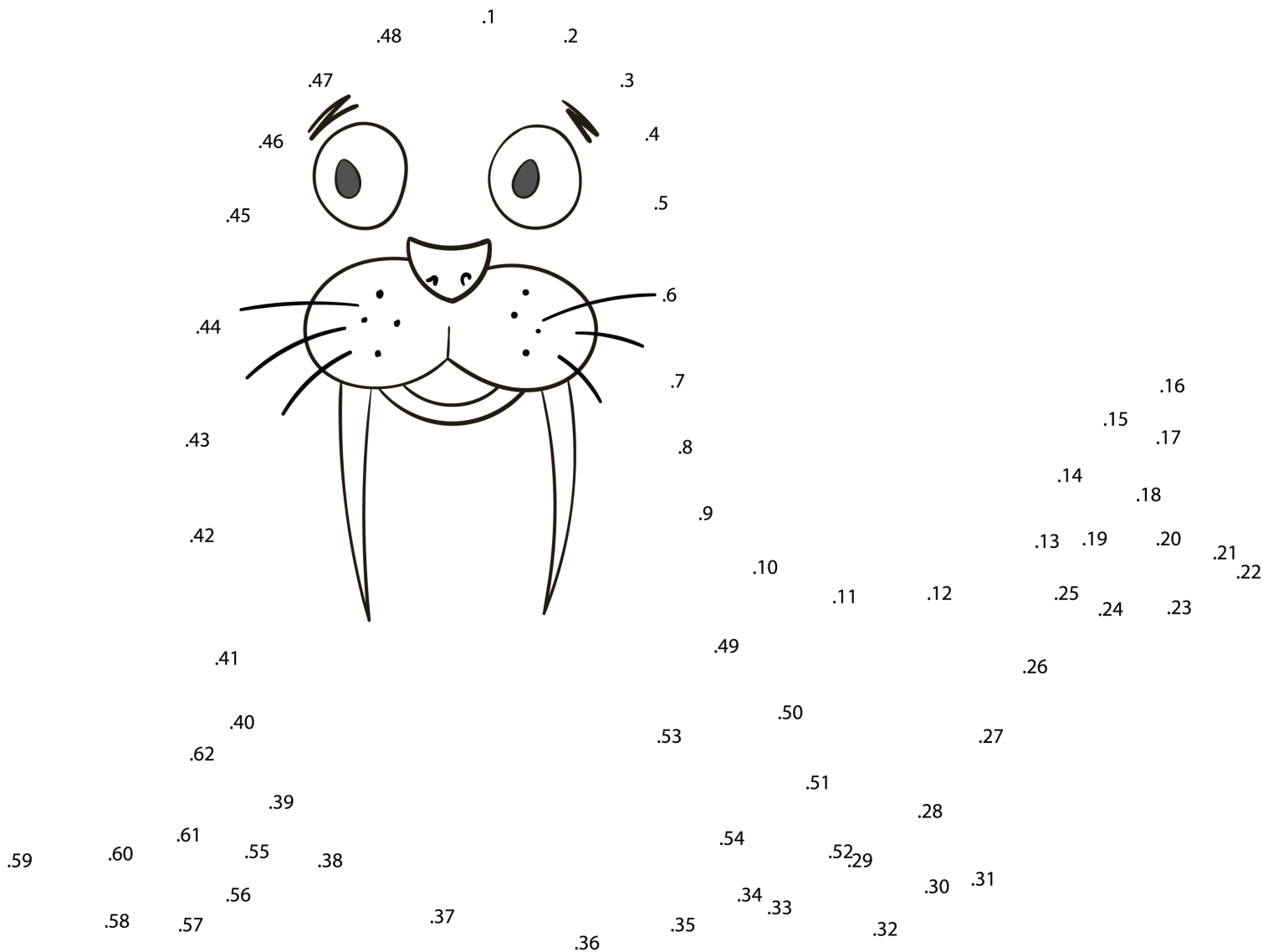
3. Take down brassiness in hair color
4. Clothing material
5. Gives accommodations
6. Pacific or Atlantic
8. Game mentor

Down

1. Chocolate base
2. Moral principle
4. No longer dirty
5. Owl's call
7. Took a bite
8. When it is spiraled
9. Despise



CONNECT THE DOTS



Sudoku

HOW TO PLAY SUDOKU

OBJECTIVE: Fill a 9x9 grid so that each column, each row, and each of the nine 3x3 boxes (also called blocks or regions) contains the digits from 1 to 9.

A cell is the smallest block in the game. Rows, columns, and regions each consist of 9 cells, and the whole game consists of 81 cells. A region has thicker lines surrounding it.

The most basic strategy to find missing numbers is scanning and it consists of:

1) Crosshatching - Scan rows and columns to eliminate where a specific number can be in a given region.

2) Counting - Simply count all the different numbers in a row, column, and region that connect to one cell. If there is just one number missing, then that's what should be in the cell.

		3		6	2	4		
			3		4	7	1	9
	1	5		8		3		
			6	2	3			8
6	4				7			1
	3							7
5		7		4	1			
		2				5	7	
3			9				6	

	8	3				1	2	
1		2				4	9	
			1		5			
6			2	8				
		9				3		4
	5							9
	2				3	5	7	
			4	6	8			
8	9			5				

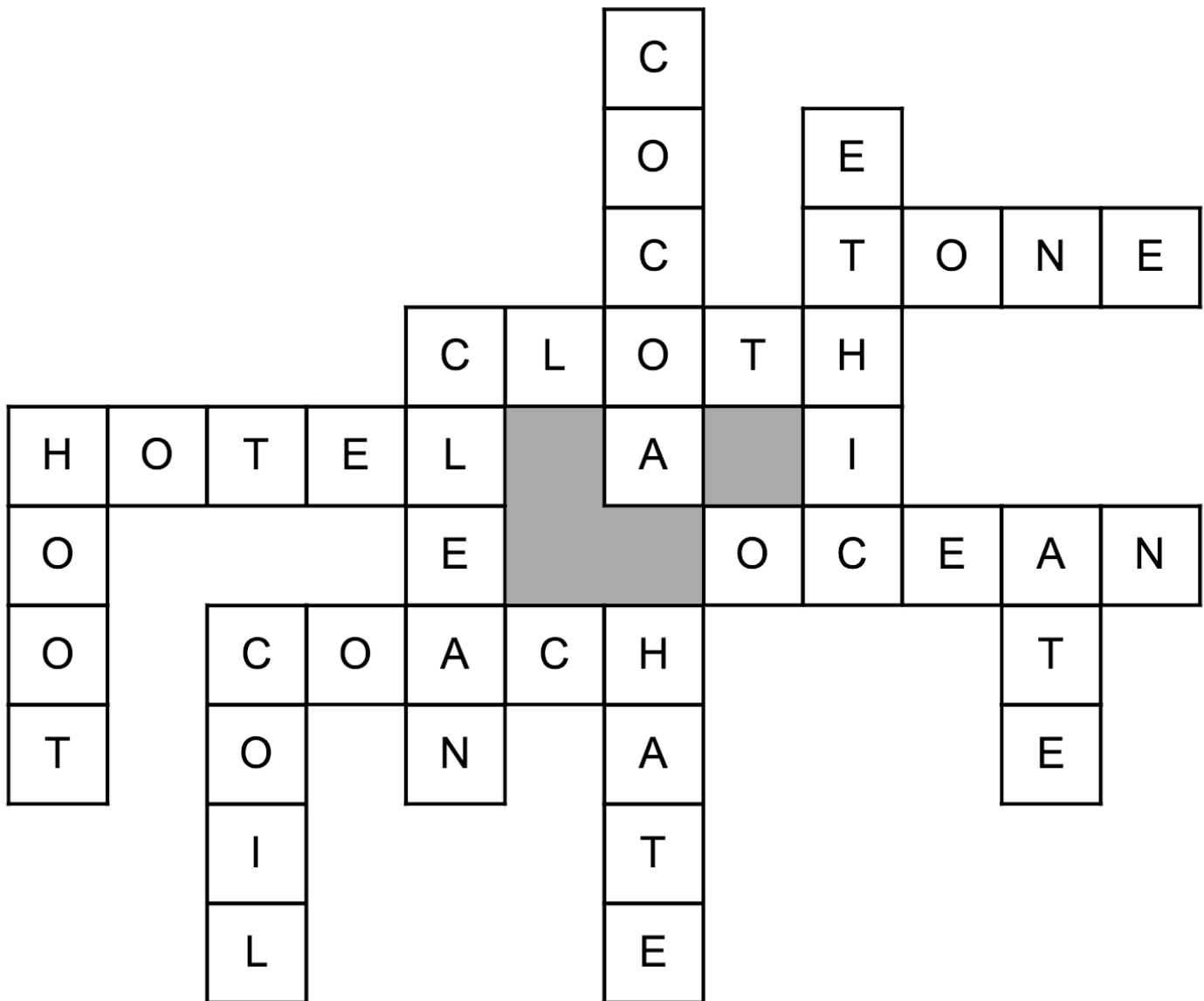
HINTS:

Until you've had lots of practice figuring out puzzles, here are some questions that you can ask as you play to help you to make progress:

- Where could I place the value X in this row/column/box? (Go through the numbers 1 to 9, and scan to see if the number is already in that row / column / box)
- What value could I put in this cell? (If there's just one acceptable – put it in!)
- What row / column / box is nearly full, and can I fill it?

WORD JUMBLE SOLUTION

Echolocation



SOLUTIONS

9	7	3	1	6	2	4	8	5
8	2	6	3	5	4	7	1	9
4	1	5	7	8	9	3	2	6
7	5	1	6	2	3	9	4	8
6	4	8	5	9	7	2	3	1
2	3	9	4	1	8	6	5	7
5	6	7	2	4	1	8	9	3
1	9	2	8	3	6	5	7	4
3	8	4	9	7	5	1	6	2

5	8	3	6	9	4	1	2	7
1	6	2	8	3	7	4	9	5
9	4	7	1	2	5	8	3	6
6	3	4	2	8	9	7	5	1
2	1	9	5	7	6	3	8	4
7	5	8	3	4	1	2	6	9
4	2	6	9	1	3	5	7	8
3	7	5	4	6	8	9	1	2
8	9	1	7	5	2	6	4	3

Trivia Answer:

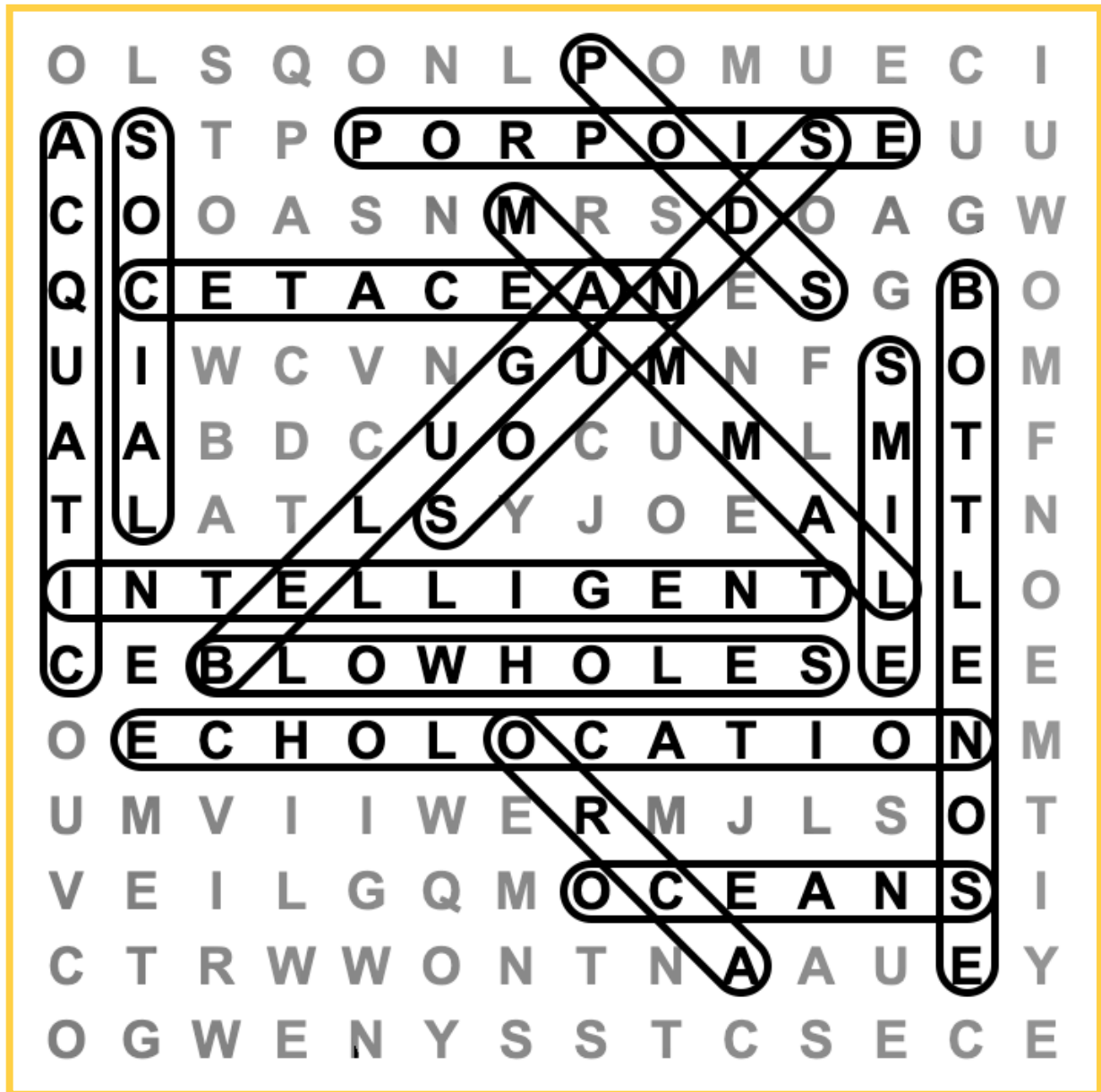
D. So it is difficult to see from above or below.

Today's Funny:

He ate too many crabs

WORD SEARCH SOLUTION

Dolphin Day



CONNECT THE DOTS SOLUTION

