**The playful mathematicians:**

**\*\* the dialogue starts at second 47, so I added 28 seconds to all the times as they were. -John Argentino**

1

00:00:00,000 --> 00:00:47,000

[Music]

2

00:00:47,000 --> 00:00:50,000

there are two mathematicians, let's call

3

00:00:50,000 --> 00:00:53,000

them Fil and Mike who meet each other

4

00:00:53,000 --> 00:00:56,000

again after a long time. After some

5

00:00:56,000 --> 00:01:00,000

chatting, Phil says he has three children, then

6

00:01:00,000 --> 00:01:05,000

Mike, astonished, asks: 'How old are they?' Fil,

7

00:01:05,000 --> 00:01:08,000

being a playful mathematician, answers

8

00:01:08,000 --> 00:01:11,000

'You tell me! I'll give you a hint: if you

9

00:01:11,000 --> 00:01:13,000

multiply the three ages together you

10

00:01:13,000 --> 00:01:17,000

get 36.' Mike takes sometimes to think

11

00:01:17,000 --> 00:01:21,000

and says: 'I'm sorry Fil, but I do need

12

00:01:21,000 --> 00:01:25,000

another hint. So Fil tells Mike:

13

00:01:25,000 --> 00:01:28,000

'Yes, sure, here it is: if you had up to

14

00:01:28,000 --> 00:01:31,000

three ages you get the number of math

15

00:01:31,000 --> 00:01:33,000

papers we publish together. Do you remember it?'

16

00:01:33,000 --> 00:01:38,000

'Yes I do remember How many, but still

17

00:01:38,000 --> 00:01:41,000

I do not have enough information! I need

18

00:01:41,000 --> 00:01:46,000

at least one more.' Fil says: 'Yes don't

19

00:01:46,000 --> 00:01:48,000

worry but this is the last one:

20

00:01:48,000 --> 00:01:50,000

The youngest one has blues eyes.' And

21

00:01:50,000 --> 00:01:54,000

suddenly Mike gets the answer. You

22

00:01:54,000 --> 00:01:56,000

hear the conversation but you don't know

23

00:01:56,000 --> 00:01:59,000

how many papers they published together.

24

00:01:59,000 --> 00:02:03,000

However, you do want to know the ages of

25

00:02:03,000 --> 00:02:05,000

the three children. Can you figure them

26

00:02:05,000 --> 00:02:06,000

out?

27

00:02:06,000 --> 00:02:08,000

[Music]