

00:00 We'll be playing the game "How Many Are Hiding?", otherwise sometimes known as Penny Plate.

00:08 But otherwise known as "What Number is Hiding?" How many are hiding?

00:12 You and your partner will have a bag with... how many cubes?

00:18 Ten!

00:19 Ten. And I'm going to ask you guys just to double-check, to make sure that everything got put away correctly. Before you start, make sure you have 10.

00:26 Because if you don't have 10, your problem is not going to... your number models will not come out right.

00:33 So we have our bags, we have our plates.

00:36 Who remembers? What do we do first? What do we do first?

00:41 Chloe?

00:42 Count it.

00:44 Count how many are in here, to make sure we have 10. Very good.

00:47 What do we do with our cubes? Amelie?

00:51 You put them in a pile, and grab some, and then take the rest, and put the others on top.

00:58 Very well said, perfectly said. You put them in a pile, you grab some. Do you look to see how many are in your hand?

01:03 No!

01:04 No. You hide the rest, on top. Then! Comes our sentence frames. We ask our partner...

01:14 What number do you see? I see the number blank. How many are hiding? Blah blah blah..

01:26 Blank, are hiding. And here's a question that I'm going to ask you to ask after that. That's not enough, oh no.

01:35 The next question will be, how do you know (blank) are hiding?

01:41 So let's just say that I have 5 on the bottom. This will be easy, because it will be a doubles factor.

01:47 So let's just say I see 5 on top. How many do I know... how many are hiding?

01:52 5!

01:53 5. So I would say, how do you know 5 are hiding? And you would answer, "I know 5 are hiding because..."

02:04 blank.

02:05 How would you know 5 are hiding? How would you know 5 are hiding? Eric?

02:10 Because 5 plus 5 equals 10.

02:15 Wow. How could you fill that in with a sentence frame for me?

02:17 I...know

02:22 5

02:23 5 are hiding because... 5 plus 5 equals 10.

02:34 Amazing! Very well done. Any questions?

02:37 All right, so I will give you your bags. The first thing you will do is count to make sure you have 10.

02:46 Practice our sentence frames without writing right now, just to make sure that we understand what to do.

02:52 So the person with the longest hair, you will grab some cubes, put them underneath your plate, and put the rest on top. Just do that right now.

03:05 Put the rest underneath.

03:07 Okay. Give me a thumbs-up when you've done that.

03:10 So partners! Ask the question.

03:15 What number is hiding?

03:18 Okay. And... answer! I think...

03:24 We'll have two gameboards! Two for the price of one!

03:27 How many do we have in all?

03:30 10.

03:31 10. Make sure to write that down. But what I am really going to be listening for today, is making sure you are pushing yourself, pushing your math brain,

03:42 And you are using the number frames, and that you are answering "I know (blank)".

03:47 For instance, Lynn, can I use your example, what I heard you do?

03:49 Yeah.

03:50 Lynn thought, said there were 3 hiding. She said "I know 3 are hiding because 7 plus 3 equals 10." Wonderful. Okay?

04:00 Do you have to use the exact same words as Lynn did? But I want to hear that you are using complete sentences and you're explaining how you know.

04:09 What number do you see?

04:14 I see the number...8.

04:18 Don't forget to write it down!

04:23 How do you know oh. How many are hiding?

04:31 2 are hiding.

04:37 Ah. How do you know 2 are hiding?

04:41 I know 2 are hiding because 8 plus 2 equals 10.

04:47 How many are hiding?

04:52 4 are hiding.

04:54 How do you know.... 4 are hiding?

05:00 I know 4 are hiding because 4 plus 6 equals 10.

05:07 How many are hiding?

05:11 7 are hiding.

05:13 How do you know 7 are hiding?

05:17 I know 7 are hiding because 3 plus 7 equals 10.

05:25 Okay. Okay.

05:32 I'll doublecheck. 1,2,3,4,5,6,7. Okay.