

Long legs

Annotation

Kami adds pairs of legs to her picture, matching each pair to one person at a time. When the 10 legs are used she counts from one the number of people she has made. Kami can describe her actions and her thinking.

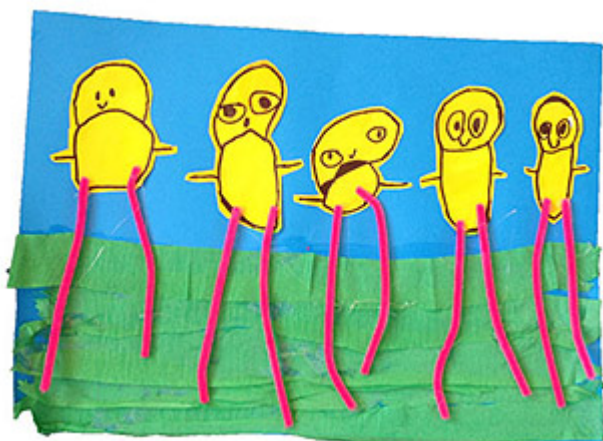
Problem: Long legs

The teacher shows this problem to the student and reads it with her as required:

Tama can see 10 legs below the fence. How many people are behind the fence?

Student response

The student selects pipe cleaners, paper, felts and glue from the class craft table and creates this picture.



Kami: There are five people.

Teacher: Tell me how you did that.

I made this picture to work it out. I counted out 10 red sticks for the legs to put on my picture. I know that everyone has two legs. I made a person with no legs and put them on

Kami: my picture and gave them two of the red legs. Then I made another person and put it on, then another until I ran out of legs. I counted to see how many people. There's five see, 1, 2, 3, 4, 5.