

ACTIVITY IA11.10: Ooops!

Intended learning: To learn to recreate the whole from a fractional part and to go beyond the whole.



Photo 11.5 Ooops activity: reasoning about fractional length

Materials: A paper streamer or a length of paper tape.

Description: *I am going to make a special length of paper. Measure a length of paper and cut it. Ooops! I have accidentally cut off three-quarters of the length. How can we work out how long the whole piece should be?* Using only the cut piece of paper, invite students to explain how long the whole piece should be. Ask students to explain where one-half of the whole length would be and then one and one-quarter of the whole length. Repeat the activity starting with accidentally cutting one-third and asking the students to show where four-thirds of the length would be.