

## ACTIVITY IA11.13: Time for a Break

**Intended learning:** To learn to subdivide (partition) composite units.

**Materials:** An image of a four-finger Kit Kat or similar.

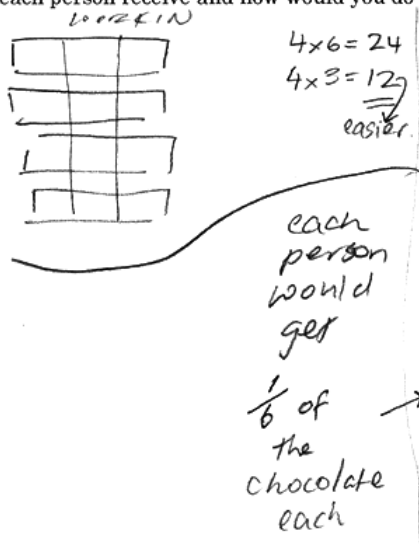
**Description:** Draw four connected rectangles on the board to represent a four-finger Kit Kat. Ask the following division question and have a student show his or her answer on the board.

- (a) If I have a four-finger Kit Kat and wish to give each of my friends half of a finger, how many friends can I share it with?
- (b) If I have a four-finger Kit Kat and wish to give each of my friends a quarter of a finger, how many friends can I share it with?

Have your students work in pairs to solve the following problems. See Figure 11.22 for a student response.

- (c) Explain how you would share four Kit Kat fingers among three people. How much of the Kit Kat would each person receive and how would you do this practically?
- (d) Explain how you would share four Kit Kat fingers among six people. How much would each person receive and how would you do this practically?

Explain how you would share a four-finger Kit Kat among six people. How much of the Kit Kat would each person receive and how would you do this practically?



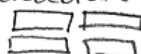
Snap the chocolate bar into →   
Divide each piece by 3  
- then give 2 pieces each.

Figure 11.22 Kit Kat bar prompt