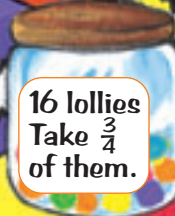# Sweet As

You need ☑ multilink cubes or counters

Activity

At the Gooey Gum sweet factory, workers have different lists to follow.

Winegum Mix
$\frac{1}{2}$ blue $\frac{3}{8}$ white
$\frac{1}{8}$ green

KANE

Jet Plane Mix
$\frac{1}{3}$ red $\frac{1}{2}$ yellow
$\frac{1}{6}$ black

HINE

Allsorts Mix
$\frac{1}{3}$ blue $\frac{1}{4}$ red
$\frac{1}{2}$ white

JEROME

1. a. What is the smallest number of lollies that Kane can put in one of his bags?

   b. What is the smallest number of lollies that Hine can put in one of her bags?

   c. What is wrong with the Allsorts Mix?

2. Candy makes up bags of jelly beans using this list.

   a. What fraction of the jelly beans will be green?

   b. What is the smallest number of jelly beans that she can put in a bag?

Jelly Bean Mix

$\frac{1}{2}$ red $\frac{2}{5}$ yellow

The rest green

3. On pay day, the boss of the factory lets Jennifer follow the instructions on one of these jars, as a bonus.

   a.
   36 lollies
   Take $\frac{1}{4}$
   of them.

   b.
   20 lollies
   Take $\frac{1}{2}$
   of them.

   c.
   15 lollies
   Take $\frac{2}{3}$
   of them.

   d.
   16 lollies
   Take $\frac{3}{4}$
   of them.

Which jar should Jennifer choose to get the most lollies? Explain your answer.

Finding fractions of whole numbers