Common factors Extension



Brett has two pieces of string.

One is 160 cm long and the other is 200 cm long.

He cuts them both into smaller pieces.

All the pieces are the same length.

What are the possible lengths of the smaller pieces of string?

Dani has 54 red sweets and 45 green sweets.

She puts them into bags so that each bag has an equal number of red sweets and an equal number of green sweets.

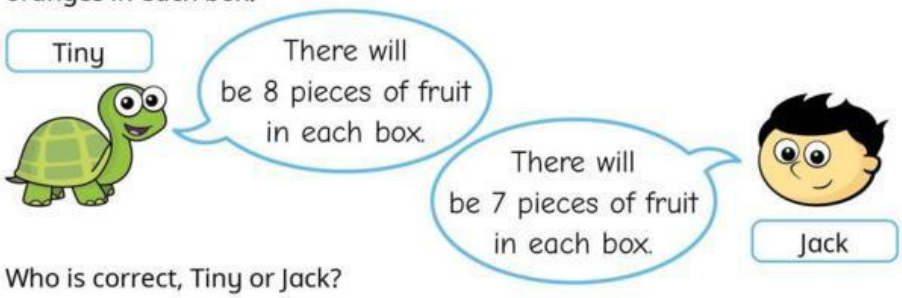
What is the greatest number of bags she can make?

How many sweets of each colour will there be in each bag?

A fruit stall has 49 pears and 56 oranges.



The pieces of fruit are put into boxes with an equal number of pears or oranges in each box.



Who is correct, Tiny or Jack?

Explain how you know.

LIVEWORKSHEETS