Mathematics

Highest common factor - downloadable resource.
Lesson 5 of 8.

Dr Rim Saada

Try this

1) List the factors of 32 and the factors of 48.
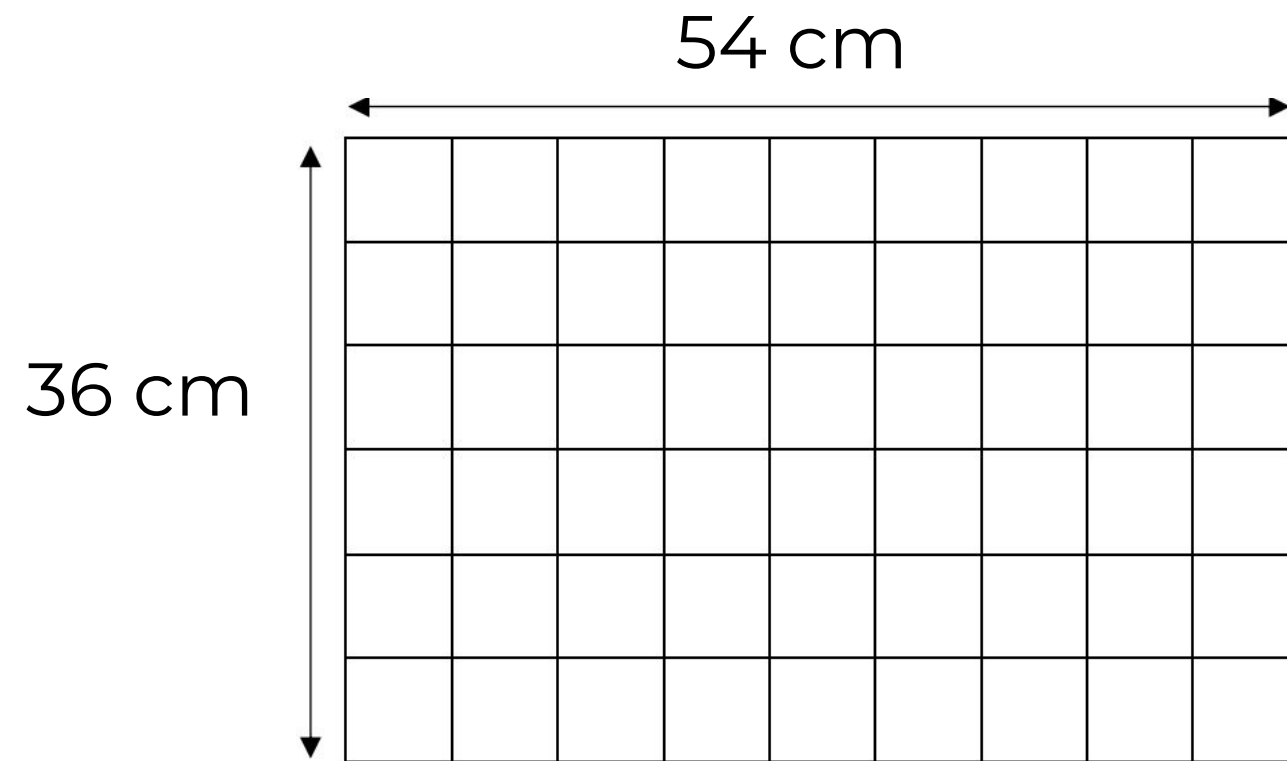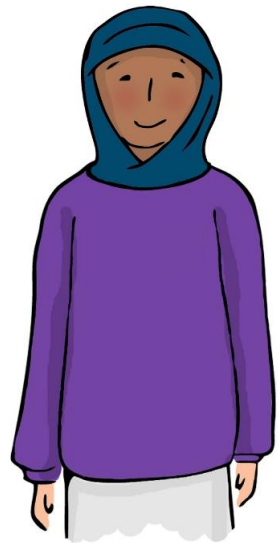
2) What factors do they have in common?

Independent task

1) List all the common factors of 30 and 42.

2) What is the HCF of 30 and 42?

3) Find a different pair of numbers with the same HCF.

4) If the HCF of two numbers is 30 list all the common factors.

Independent task

5) a) What size squares has this student split the rectangle in to?

b) What other squares size squares can you split it into?

54 cm

36 cm

Explore

Decide if the following are always, sometimes or never true.

If [the HCF is 12] , then [4 and 3 are common factors] .

If [4 and 3 are common factors] , then [the HCF is 12] .