

ACTION

RESPONSE

Find the HCF of these sets of numbers.

Fluency



1) 24 and 18

4) 45 and 72

2) 32 and 12

5) 39 and 52

3) 34 and 51

6) 108 and 63

Reasoning

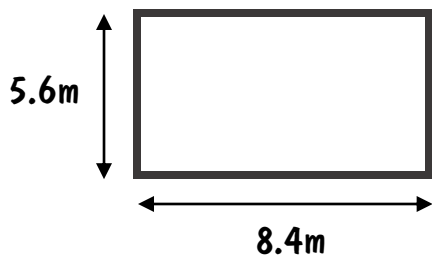


A carpenter has two lengths of wood; one is 108cm long and the other is 72cm long. He wants to cut them up to produce smaller pieces of wood to build a shelving unit so they all need to be the same length, with no wood left over. What is the greatest length, in cm, that he can make the shelves?

Problem Solving



A person has a rectangular plot of land shown below. To survey the number of buttercups they divide it equally into the minimum number of equally sized square plots. What is the size of each square plot and how many will there be?



ACTION

RESPONSE

Find the HCF of these sets of numbers.

Fluency



1) 24 and 18

4) 45 and 72

2) 32 and 12

5) 39 and 52

3) 34 and 51

6) 108 and 63

Reasoning



A carpenter has two lengths of wood; one is 108cm long and the other is 72cm long. He wants to cut them up to produce smaller pieces of wood to build a shelving unit so they all need to be the same length, with no wood left over. What is the greatest length, in cm, that he can make the shelves?

Problem Solving



A person has a rectangular plot of land shown below. To survey the number of buttercups they divide it equally into the minimum number of equally sized square plots. What is the size of each square plot and how many will there be?

