

Name - \_\_\_\_\_

Start time - \_\_: \_\_

End time - \_\_: \_\_

Write out the prime factorisation for each number:

a)  $68 =$  \_\_\_\_\_

b)  $42 =$  \_\_\_\_\_

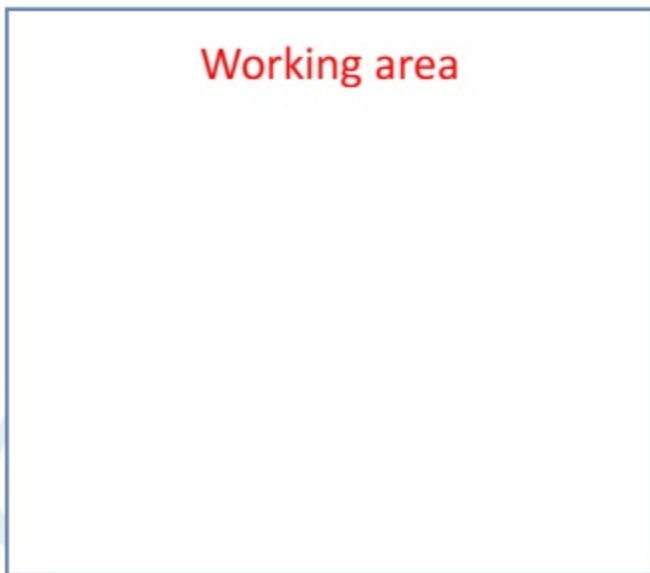
c)  $48 =$  \_\_\_\_\_

d)  $14 =$  \_\_\_\_\_

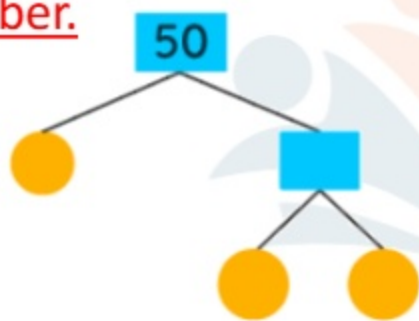
e)  $27 =$  \_\_\_\_\_

f)  $77 =$  \_\_\_\_\_

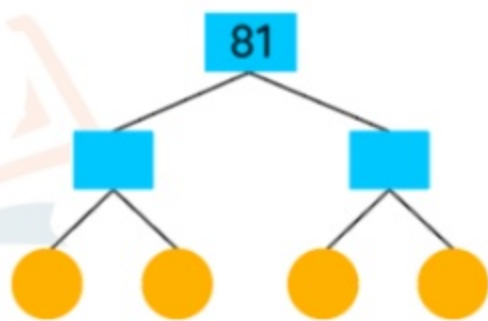
g)  $30 =$  \_\_\_\_\_



Complete the factor tree to find the prime factors of each number.



$50 =$  \_\_\_\_\_



$81 =$  \_\_\_\_\_

Solve : I am a product of three different prime numbers. My largest prime factor is 13. I am between 185 and 200. Who am I?

Solution :