

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

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

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

Write out the prime factorisation for each number:

a)  $28 =$  \_\_\_\_\_

a)  $26 =$  \_\_\_\_\_

b)  $38 =$  \_\_\_\_\_

b)  $36 =$  \_\_\_\_\_

c)  $26 =$  \_\_\_\_\_

c)  $24 =$  \_\_\_\_\_

d)  $35 =$  \_\_\_\_\_

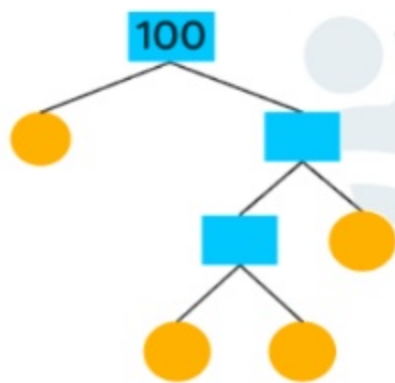
d)  $42 =$  \_\_\_\_\_

e)  $15 =$  \_\_\_\_\_

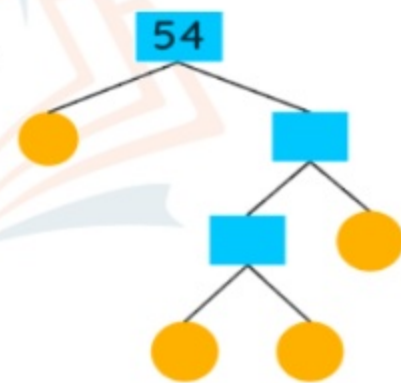
e)  $45 =$  \_\_\_\_\_

f)  $85 =$  \_\_\_\_\_

f)  $32 =$  \_\_\_\_\_



6.



$100 =$  \_\_\_\_\_

$54 =$  \_\_\_\_\_

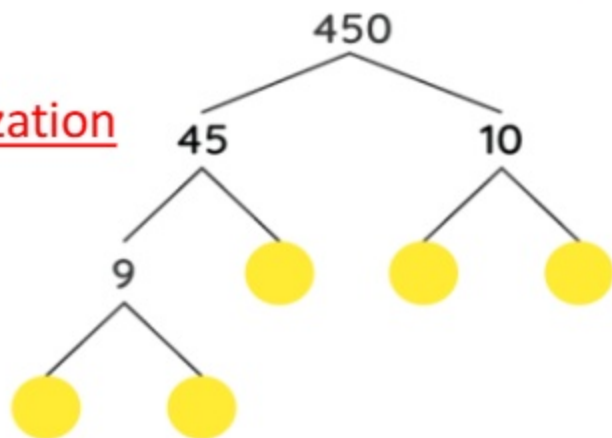
## CHALLENGE

Check whether the prime factorization of the following is correct.

1.  $28 = 2^2 \times 7$

2.  $300 = 2^2 \times 3 \times 5^2$

3.  $300 = 2^2 \times 3 \times 5^2$



$450 =$  \_\_\_\_\_

1

2

3

4

5

6

7

8

9