

Name - _____

Start time - __: __

End time - __: __

Write out the prime factorisation for each number:

a) $12 =$ _____

a) $90 =$ _____

b) $45 =$ _____

b) $98 =$ _____

c) $40 =$ _____

c) $125 =$ _____

d) $63 =$ _____

a) $150 =$ _____

e) $24 =$ _____

e) $72 =$ _____

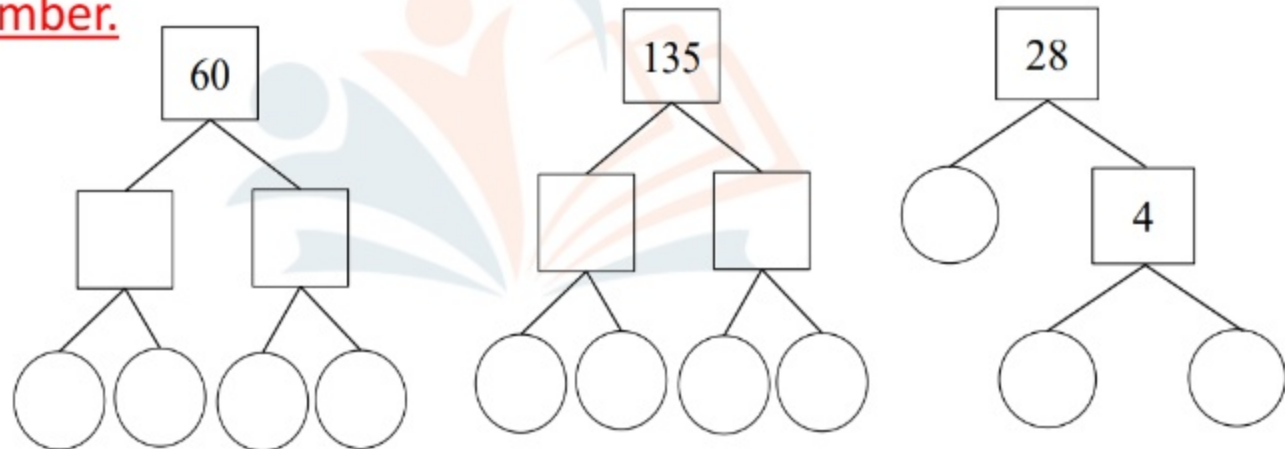
f) $42 =$ _____

f) $54 =$ _____

g) $56 =$ _____

g) $75 =$ _____

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



Solve : John says to Rachel that the prime factorization of 72 is $2 \times 2 \times 2 \times 3 \times 7$. Is he right? If no, where is he mistaken?

Solution :