

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

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

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

Write out the prime factorisation for each number:

a)  $144 =$  \_\_\_\_\_

b)  $180 =$  \_\_\_\_\_

c)  $125 =$  \_\_\_\_\_

d)  $132 =$  \_\_\_\_\_

e)  $80 =$  \_\_\_\_\_

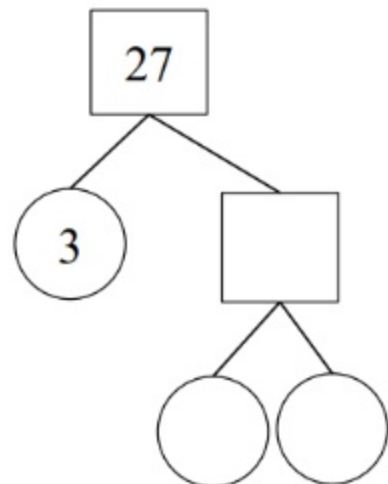
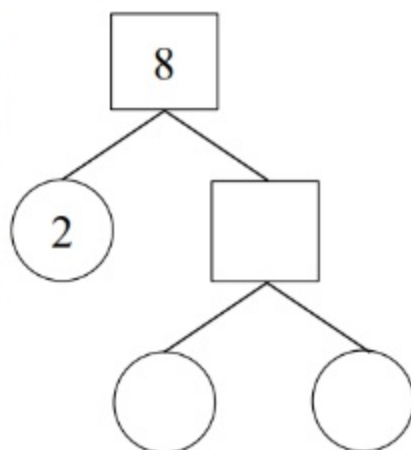
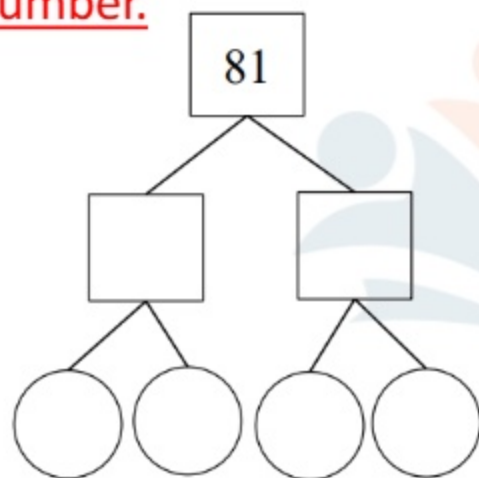
f)  $200 =$  \_\_\_\_\_

g)  $39 =$  \_\_\_\_\_

h)  $68 =$  \_\_\_\_\_



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



$$56 = 7 \times \square$$

$$= \square \times \square \times \square$$

$$= \square \times \square \times \square \times \square$$

$$48 = 4 \times 12$$

$$= \square \times \square \times \square \times \square$$

$$= \square \times \square \times \square \times \square \times \square$$

1

2

3

4

5

6

7

8

9