S2

CFE Level 3

Working at Home Workbook

Multiples and Factors

Learning Intention. To be able to -
List multiples of numbers and state their lowest common multiple
Write factors of numbers and state their highest common factor
Express a number as a product of primes

List multiples of numbers and state their lowest common multiple

Questions 1

a)	20, 30	b)	30, 24	c)	30, 5
d)	24, 20	e)	8, 30	f)	12, 30
g)	6, 4	h)	24, 30	i)	24, 20

Questions 2

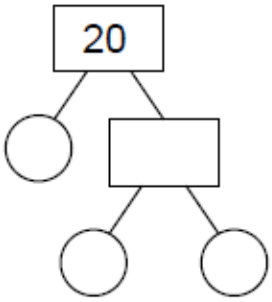
Write factors of numbers and state their highest common factor

a)	20, 2	b)	8, 40	c)	12, 5
d)	12, 2	e)	6, 30	f)	42, 12
g)	6, 27	h)	40, 6	i)	25, 70

Questions 3

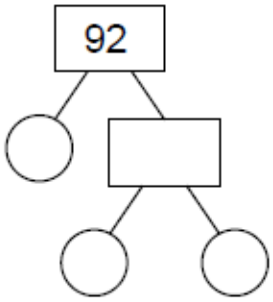
Express a number as a product of primes

1)



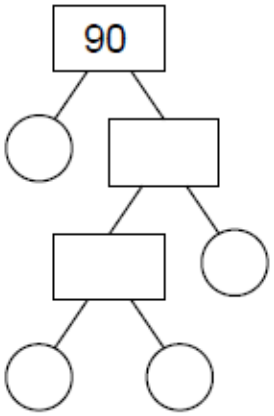
20 = __ x ___ x ___

2)



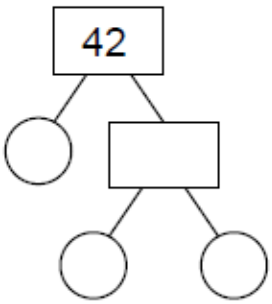
92 = __ x ___ x ___

3)



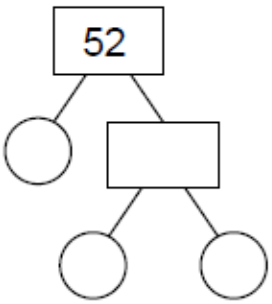
90 = __ x ___ x ___ x ____

4)



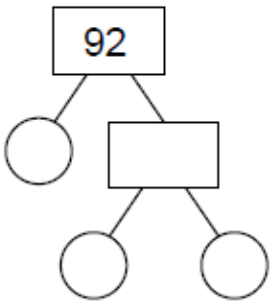
42 = __ x ___ x ___

5)



52 = __ x ___ x ___

6)



92 = __ x ___ x ___ x ____