

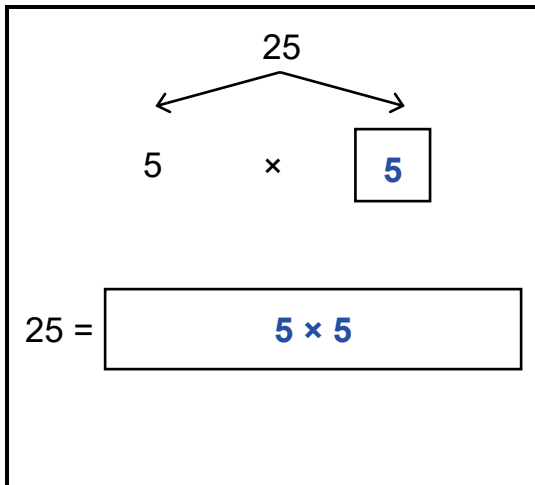
Handout**4 – 5**
Section 25

Reinforcement

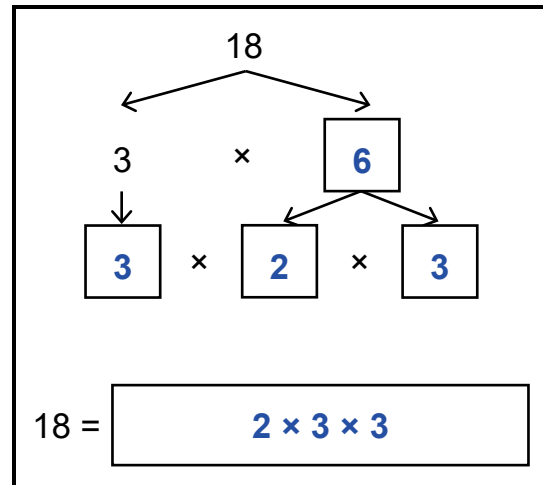
Prime Factors – Multiples**ANSWER
KEY**

1. **Complete** the factor tree for each number. **Write** the corresponding equation with the prime factors.

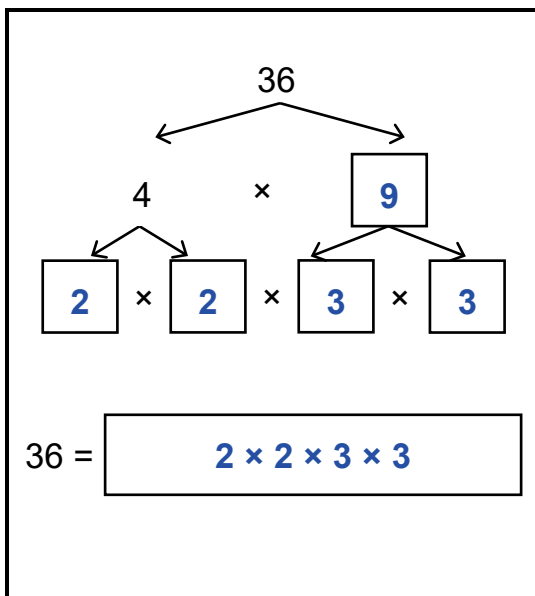
a)



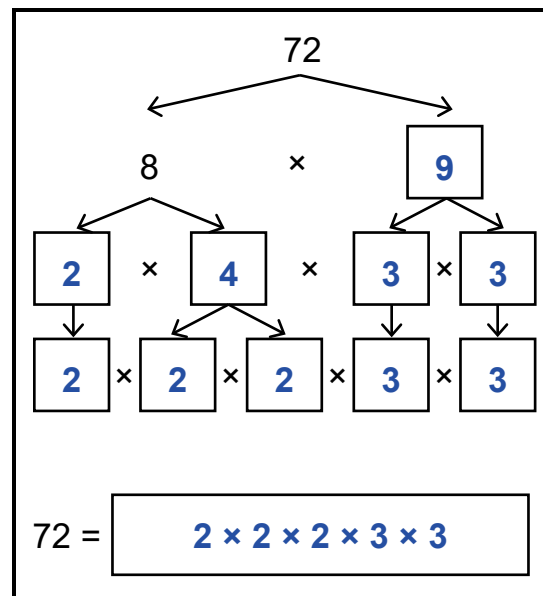
b)



c)



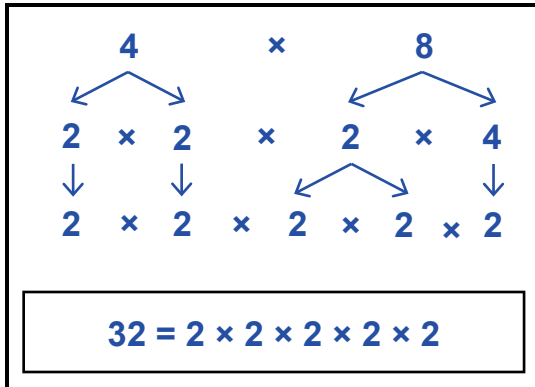
d)



2. Draw the factor tree for each number. **Write** the corresponding equation with the prime factors. **Sample factor trees:**

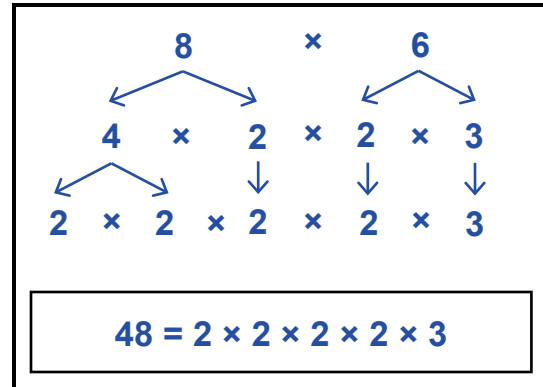
a)

32



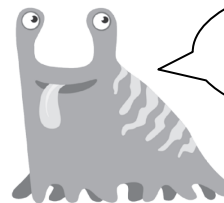
b)

48



3. Draw an X on the multiple of 3 in each series of numbers.

- a) 16 ~~27~~ 34 49 74
- b) 11 14 20 ~~21~~ 29



You can use a calculator to do this exercise.

4. Liam likes to go swimming at the town pool and then enjoy an ice cream cone at the parlour next door.

- The pool is open every 6 days.
- The ice cream parlour is open every 9 days.

Today, Liam went swimming at the pool and had an ice cream cone.

In how many days will he be able to do this again?

Day	0	3	6	9	12	15	18	21	24
Pool open	X		X		X		X		X
Parlour open	X			X			X		



Liam will be able to go swimming and have an ice cream cone

in 18 days.