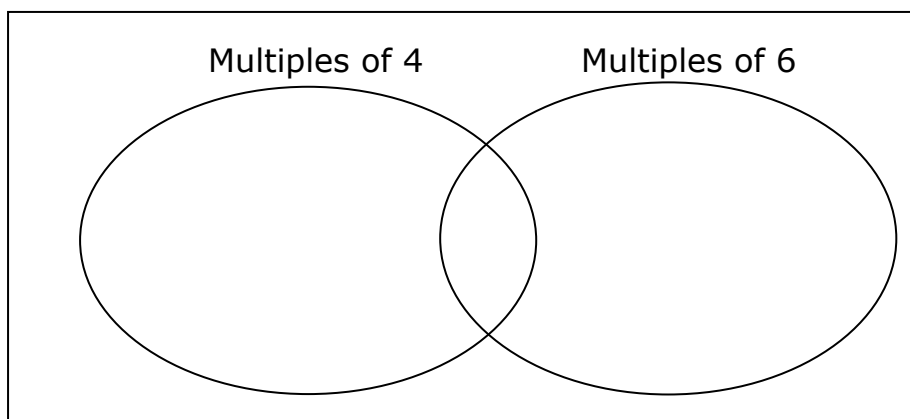


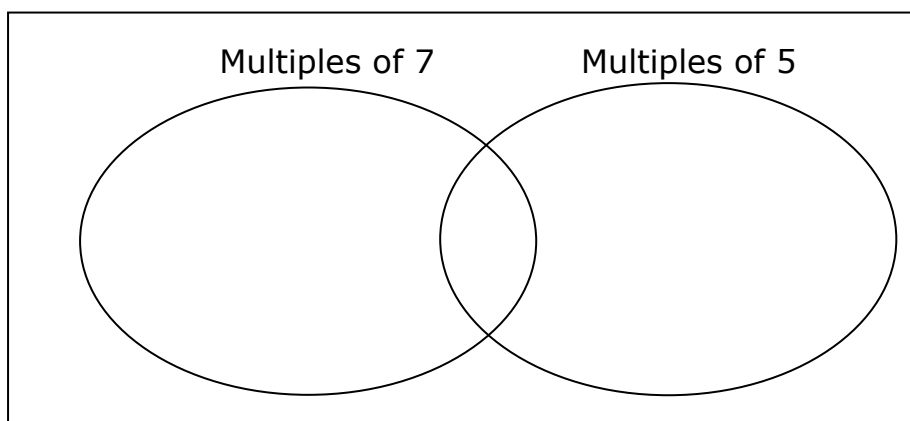
### Multiples

A) Sort the given numbers using the Venn diagrams.

4      24      12      25      36      240      7



14      28      35      55      70      33



B) Using all the numbers from 1 to 20,

- a) List the multiples of 2
- b) List the multiples of 5
- c) Which numbers appear in both lists? These are common multiples.

C) List all the factors of 18.

D) List all the factors of 30.

E) List all the factors of 13.

**Use your knowledge of multiplication and division to answer the following questions.**

- a) List 5 multiples of 5.
- b) List all the factors of 30 (there are 6).
- c) List 6 multiples of 8.
- d) List all the factors of 12 (there are 6).
- e) Find numbers that are common multiples of 3 and 5.
- f) Find numbers that are common multiples of 2 and 7.
- g) Is 82 a multiple of 9? Why?
- h) Is 7 a factor of 63? Why?
- i) Find the lowest common multiple 2 and 8.
- j) All multiples of 10 end in 5 or 0. TRUE or FALSE? Why?
- k) All multiples of 5 end in 5. TRUE or FALSE? Why?
- l) Multiples of 2 only end in 0, 2, 4, 6 or 8. TRUE or FALSE? Why?
- m) All multiples of 3 are odd. TRUE or FALSE? Why?