



1. Here is a list of seven numbers:

6 8 11 12 21 25 27

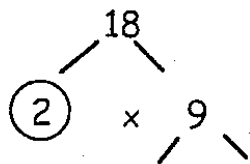
From the list, write down:

- (a) a square number
- (b) a number that is a multiple of 7
- (c) two numbers that are factors of 60
- (d) two numbers with a difference of 9
- (e) a prime number

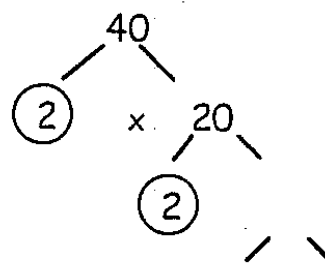
2. (a) Work out the value of $10 - \sqrt{81}$.
- (b) Find the cube of 3.
- (c) Explain why $\sqrt{50}$ is more than 7.

3. **COPY** and complete each of the following prime factorisations :-

(a)



(b)



4. Find the prime factorisations of :-

(a) 12

(b) 30

(c) 32