



1. Give a possible rule for each of these sequences :-

- (a) 2, 4, 6, 8, ...
- (b) 5, 10, 15, 20, ...
- (c) 3, 6, 12, 24, ...
- (d) 1, 3, 9, 27, 81, ...
- (e) 64, 32, 16, 8, ...
- (f) 11, 7, 3, -1, -5, ...
- (g) 100, 10, 1, 0.1, ...
- (h) 4, 6, 9, 13.5, 20.25, ...

2. Write the next 3 numbers in each sequence :-

- (a) 11, 14, 17, 20, ...
- (b) 4, 8, 16, 32, ...
- (c) 40, 20, 10, ...
- (d) 100 000, 10000, 1000, ...
- (e) 76, 65, 54, 43, ...
- (f) 5, 6, 8, 11, 15, ...
- (g) 1, 4, 9, 16, 25, ...
- (h) 1, 1, 2, 3, 5, 8, 13, 21, ...
- (i) 1, 3, 6, 10, 15, ...
- (j) 2, 3, 5, 7, 11, 13, 17, ...

3. Copy these patterns and draw the next three pictures:

