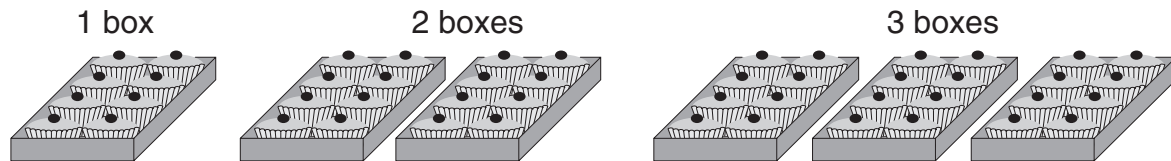


3 Cakes in a box



(a) Draw the next pattern in the sequence.

_____ boxes

(b) Complete the table:

Number of boxes	Number of cakes
1	8
2	
3	
4	

(c) What is the increase in the number of cakes each time? _____

(d) Complete the formula:

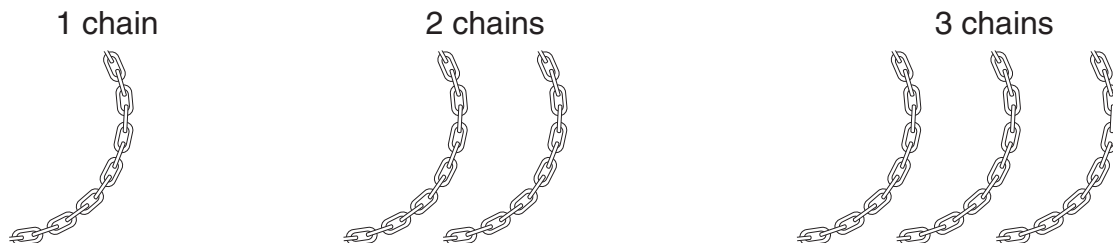
The number of cakes is _____ times the number of boxes.

(e) Use your formula to find the number of links in

(i) 7 boxes _____

(ii) 10 boxes _____.

4 Links in a chain



(a) Draw the next pattern in the sequence.

_____ chains

(b) Complete the table:

Number of chains	Number of links
1	
2	
3	
4	

(c) What is the increase in the number of links each time? _____

(d) Complete the formula:

The number of links is _____.

(e) Use your formula to find the number of links in

(i) 6 chains _____

(ii) 10 chains _____.

Go to textbook page 00, question 5.