

# MATHEMATICAL MODELLING Programme

STARTERS  
2<sup>nd</sup> Semester

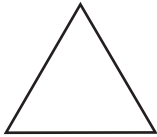
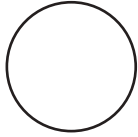
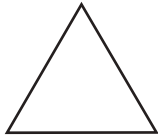
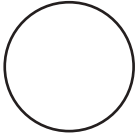
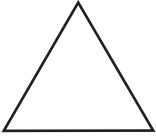
## Assessment Paper


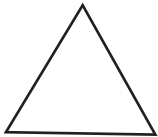

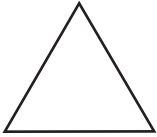

Name : \_\_\_\_\_

Class : \_\_\_\_\_

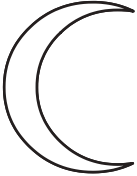
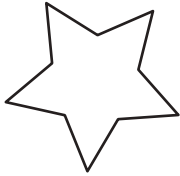
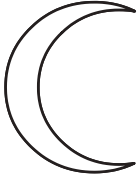
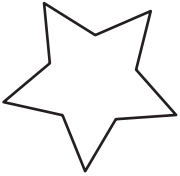
# Starters Book 2





**A** Draw the next pattern. (20%)  
下一个图形是什么？画一画。(20%)

1.      \_\_\_\_\_

2.      \_\_\_\_\_

3.     \_\_\_\_\_

4.     \_\_\_\_\_

5.     \_\_\_\_\_

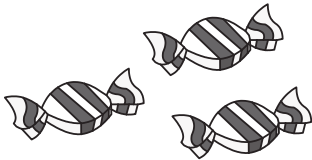


# Starters Book 2

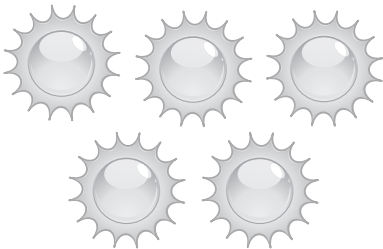
**B** Count and match. (20%)  
数一数，连一连。(20%)



5



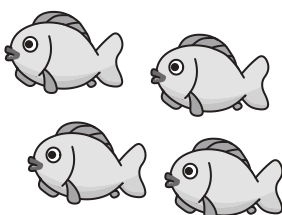
2



1



4



3

$5 \times 4 = 20$

# Starters Book 1

- C** Tick (✓) the box where the dots have the same amount with the number. (6 x 3 = 18%)  
把点的数量和数字相同的打勾 (✓)。 (6 x 3 = 18%)

15		<input type="checkbox"/>
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13		<input type="checkbox"/>
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11		<input type="checkbox"/>
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17		<input type="checkbox"/>
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8		<input type="checkbox"/>
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19		<input type="checkbox"/>
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6 x 3 = 18

- D** Fill in the missing numbers. (6 x 2 = 12%)  
把缺少的数字填上。 (6 x 2 = 12%)

a) 1 , 2 , 3 , 4 , \_\_\_\_\_ , \_\_\_\_\_

b) 4 , 5 , 6 , \_\_\_\_\_ , 8 , \_\_\_\_\_

c) 5 , 6 , \_\_\_\_\_ , 8 , \_\_\_\_\_ , 10

d) 3 , \_\_\_\_\_ , 5 , 6 , 7 , \_\_\_\_\_

e) 10 , 11 , \_\_\_\_\_ , 13 , 14 , \_\_\_\_\_

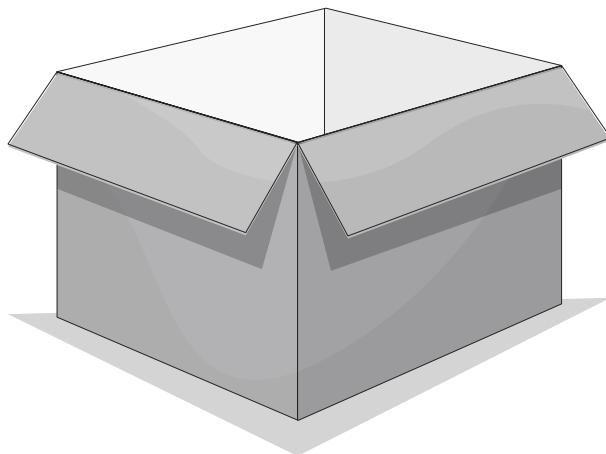
f) \_\_\_\_\_ , 9 , 10 , \_\_\_\_\_ , 12 , \_\_\_\_\_

6 x 2 = 12

# Starters Book 2

**E** Draw 5 circles ○ in the box and 5 squares □ outside the box. (10 x 2 = 20%)

画5个圆圈 ○ 在盒子里面和5个正方形 □ 在盒子外面。  
(10 x 2 = 20%)

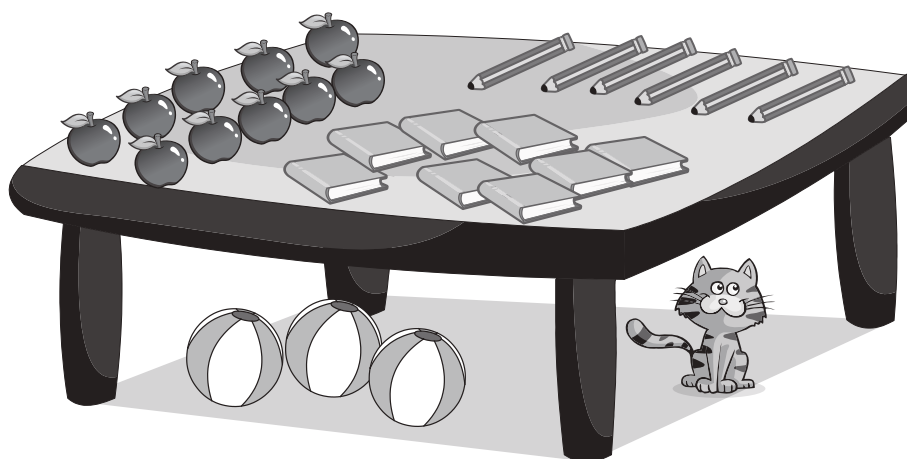


10 x 2m = 20



**F** Count how many objects are on the table and under the table. (5 x 2 = 10%)

数一数，有多少东西在桌子上和桌子下。(5 x 2 = 10%)



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_



= \_\_\_\_\_

5 x 2m = 10

