

# max maths primary

A SINGAPORE APPROACH

Workbook

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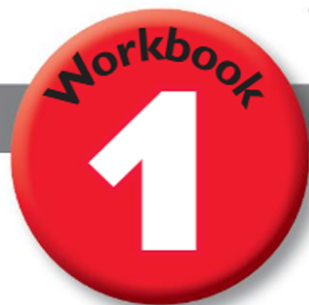


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# Preface

**max maths** Primary – A Singapore Approach is a mathematics course specially designed to meet the needs of learners following the **Cambridge Primary** curriculum framework in Stages 1 to 6.

The **Max Maths Primary** workbooks guide learners through key mathematical concepts, addressing the learning objectives in the **Cambridge Primary** curriculum framework. With plenty of scaffolded practice, the workbooks support the learning process at home and will help to further develop learners' enthusiasm towards learning.

## Workbook features

### Building on concepts and skills

With most of the activities in the Max Maths workbooks to be completed at home, questions are scaffolded in a way that extra support is given at the beginning to ease learners into the task.

**2 Addition to 20**

**Practice 1: Addition by counting on**

1 There are 5 people at the bus stop.  
2 people join them.  
How many people are there altogether?

Count on to show how many people there are altogether.

Fill in the blanks.  
 $5 + \square = \square$   
There are  $\square$  people altogether.

2 There are some black beads and some red beads.  
How many beads are there altogether?

Count on to show how many beads there are altogether.

Fill in the blanks.  
 $\square + \square = \square$   
There are  $\square$  beads altogether.

3 Find the answer by counting on.  
(a)  $6 + 2 = \square$

4 Count on from the bigger number.  
How many cherries are there altogether?

6  $\square + \square = \square$   
 $6 + \square = \square$  Six plus  $\square$  equals  $\square$ .

5 Count on from the bigger number.  
How many chicken pieces are there altogether?

12  $\square + \square = \square$   
 $12 + \square = \square$   
 $\square$  plus  $\square$  equals  $\square$ .

6 Fill in the blanks.  
(a)  $\square + \square = \square$   
 $\square$  plus  $\square$  equals  $\square$ .  
(b)  $\square + \square = \square$   
 $\square$  plus  $\square$  equals  $\square$ .  
(c)  $\square + \square = \square$   
 $\square$  plus  $\square$  equals  $\square$ .

## Engaging photographs and illustrations

Rich illustrations and photographs help to engage learners and encourage an enthusiastic approach to learning mathematics.



### Practice 2: Counting to 20

1 Count the objects.

(a)

(b)

(c)

(d)

2 Count the . Write the number and the word.

Example:  12  twelve

(a)

(b)

(c)

## Concrete, pictorial to abstract

Questions are graduated in a way that guides learners through the sequence from concrete, pictorial and abstract understanding of concepts.

3 Circle the group of ten. Fill in the blanks.

(a)  10

(b)  10

(c)  10

(d)  10

4 Fill in the blanks.

(a)  and  make   
 +  =

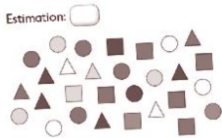
(b)  and  make   
 +  =

(c)  and  make   
 +  =

(d)  and  make   
 +  =

5 Complete the following questions.

(a) Estimate the number of shapes below.



Estimation:

(b) Count the shapes one by one. Write down the actual number of shapes.

Actual number:

(c) Was your estimation close to the actual number of shapes?

(d) Describe how you did your estimate.

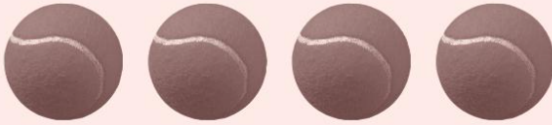
## Self-guided problem-solving

Problem-solving activities are embedded within practices for learners to combine knowledge of mathematics content and problem-solving skills.

## Practice 1: Counting to 10

1 Count the following items.

Example



There are  balls.

(a)



There is  football.

(b)



There are  basketballs.

(c)



There are  baseballs.

I need help counting the balls.



Let's count together.



2 Count the dots.

Example



There are  dots.

(a)



There are  dots.

(b)



There are  dots.

(c)



There are  dots.

(d)



There are  dots.

3 Draw the dots.

Example

Draw 2 red dots.



(a)

Draw 4 blue dots.



(b)

Draw 6 yellow dots.



(c)

Draw 7 green dots.



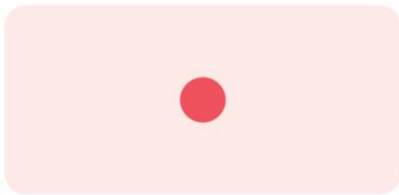
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Count each type of flower and insect you can spot.

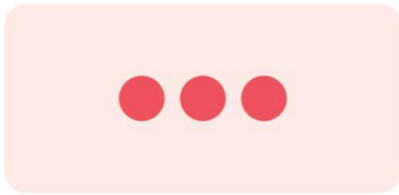




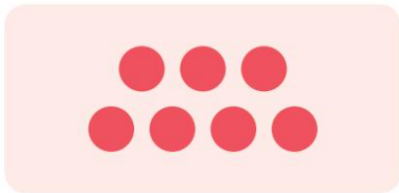
5 Count the dots. Match them to a number.



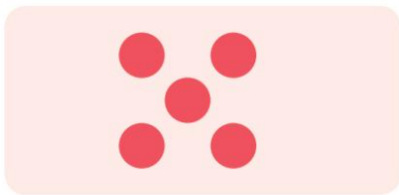
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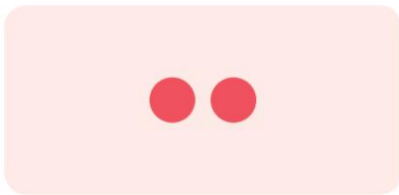
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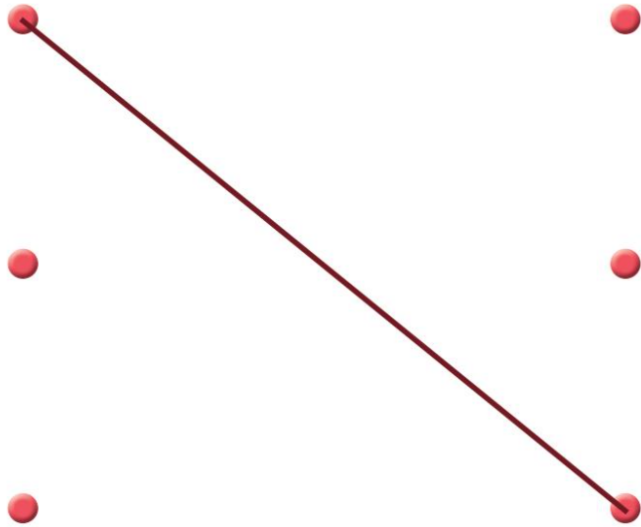
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7



3



6 Match each word to the correct number of beads.

two		
four		
six		
eight		
nine		
zero		
five		

7 Read the words. Write the numbers.

t - w - o.  
This is 2!



**Example**

two

2

(a)

one

(b)

five

(c)

nine

(d)

eight

(e)

six

(f)

four

(g)

three

(h)

seven

(i)

zero

8

Count the ladybirds. Write the number in words.



There are  ladybirds.

9 Count the flowers. Tick the correct word.



(a)



two

three

zero

(b)



six

seven

five

(c)



five

nine

four

(d)



one

zero

three

(e)



three

ten

two

10 Fill in the blanks.

(a) one

(b)  2

(c) three

(d) four

(e)  5

(f)  6

(g) seven

(h)  8

(i)  0

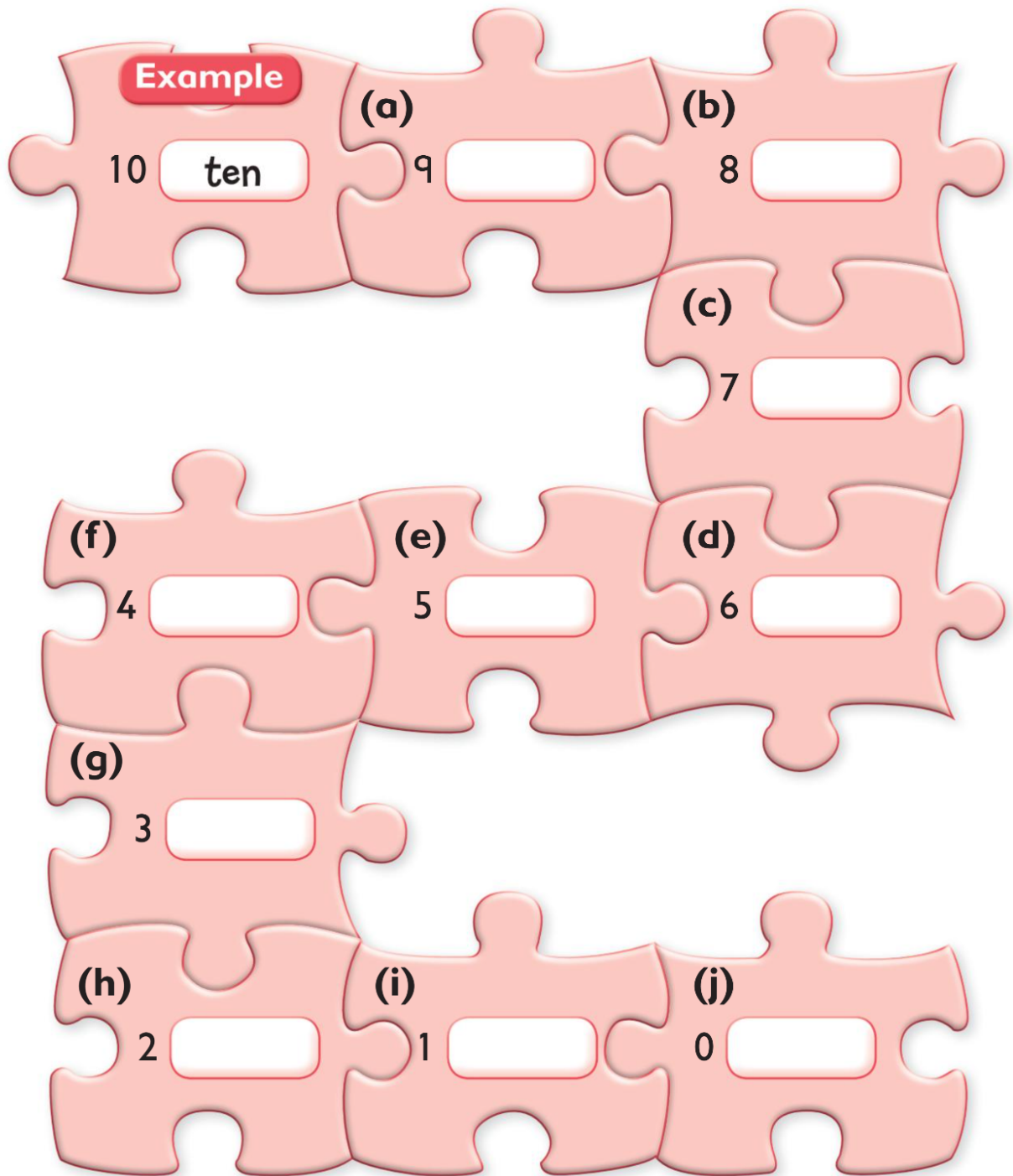
(j) ten

11 Find, and circle, the numbers in the word search.

f c v a z e r o  
o r f i v e e s  
u c t h t z i i  
r e s q w b g x  
f i b e o w h u  
z o n e v t t p  
n i n e m e e k  
t h r e e l n b

0 ~~1~~ 2 3 4 5 6 7 8 9 10

12 Write the words on the jigsaw pieces.



13 The jigsaw pieces form the shape of the number .

**14** In the picture below, draw:

**(a)** 2 birds

**(b)** 6 trees

**(c)** four flowers



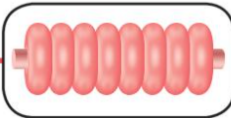

**(d)** six rocks.



15 Find the name of a place in the United Kingdom.

Match the number to the letter. Write the letter in the box.

r	d	m	a	b	i	e	C	g
0	8	2	3	4	7	9	1	5

	C	one
		
		two
		
		zero
seven		
		
		
		nine