

# New wave mental maths

B

Revised edition



## THURSDAY



o'clock

or :00

Colour the left arrow.



Colour the largest number.



Take 4 fish away.  
How many are left? \_\_\_\_\_



Complete the table.



	How many?
Triangles	2
Squares	
Rectangles	
Total	

## PROBLEM-SOLVING

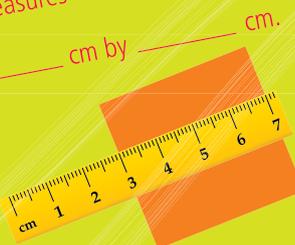
### MONDAY

Tim has \_\_\_\_\_ more pencils than Mia.



### TUESDAY

The 2D shape is a square.  
It measures \_\_\_\_\_ cm by \_\_\_\_\_ cm.



### WEDNESDAY

What coin is needed to make 20c? \_\_\_\_\_



### THURSDAY

Use 5, 7, 2 and 3 to make 10  
across and up/down.



## FRIDAY REVIEW

Count = \_\_\_\_\_



How many lots of 3? \_\_\_\_\_



Pentagon

Hexagon

Which box is heavier? \_\_\_\_\_



### Favourite fruit

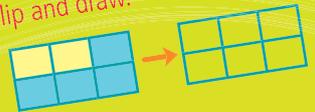
1 fruit = 1 child



Which fruit was the most popular? \_\_\_\_\_

How many more liked bananas than apples? \_\_\_\_\_

Flip and draw.



Finish the pattern.



- Retains many of the bestselling features of ***New wave mental maths***, with a range of added extras and new improvements, particularly in relation to problem-solving.
- Provides a 40-week, structured mental maths program linking to Australian Curriculum Mathematics, covering the strands of Number and Algebra, Measurement and Geometry, and Statistics and Probability.
- Provides daily practice of mental maths and problem-solving skills (10 daily questions for Book B; 15 daily questions for Book C; and 20 daily questions for Book D, Book E and Book F).
- Develops mathematical concepts and vocabulary sequentially, along with practice in speed of recall.

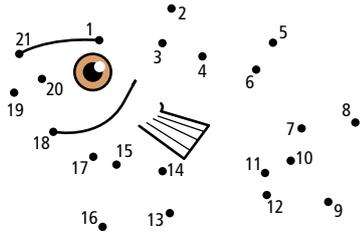
## ***New features***

- Modern and contemporary layout using subtle colours, which is not distracting or overwhelming for the student.
- A new 'Problem-solving' column in each week's unit of work.
- Problem-solving questions drawn from a mixture of strands and sub-strands, incorporating real-life maths contexts and situations.
- Problem-solving questions positioned in a separate column so teachers can use them flexibly: either for classwork or homework, or for a mental challenge before the maths daily lesson.
- Pictorial and written representatives of problems in both the problem-solving and daily columns.
- Maximum focus on maths concepts with the language and readability of questions simplified.
- Includes new question types, with the removal of some of the previous ones, based on feedback, comments and observations from practising teachers.

<b><i>Book B</i></b>	<b><i>Books C–F</i></b>
<ul style="list-style-type: none"> <li>• New 'Problem-solving' column with one carefully worded problem-solving question for each day.</li> <li>• Friday review is grouped by a strand icon (Number and Algebra, Measurement and Geometry, and Statistics and Probability) to assist with teacher assessment of student's ability.</li> </ul>	<ul style="list-style-type: none"> <li>• New format using a 3-page weekly unit with the Friday review now moved into the main week's unit of work for ease of access.</li> <li>• New 'Problem-solving' column with two carefully worded problem-solving questions for each day.</li> <li>• Friday review is grouped by a strand icon (Number and Algebra, Measurement and Geometry, and Statistics and Probability) to assist with teacher assessment of student's ability.</li> </ul>

# MONDAY

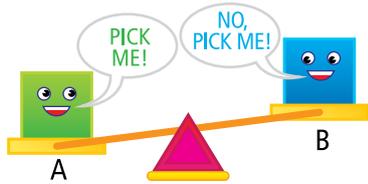
1. Join the dots.



2.  $5 + 1 =$  \_\_\_\_\_

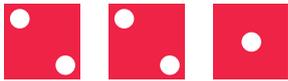
3.  $4 - 1 =$  \_\_\_\_\_

4.



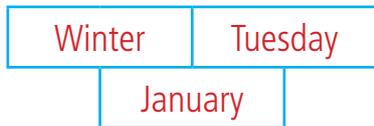
The heavier box is \_\_\_\_\_.

5.



$2 + 2 + 1 =$  \_\_\_\_\_

6. Colour the month.



7. Order these numbers from the lowest to the highest.

33    44    80    38

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

8. Who has more pencils?



9. How many  in total?

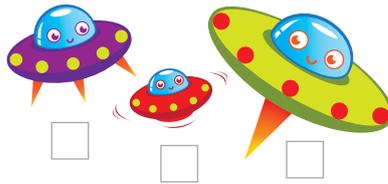
\_\_\_\_\_

10. Take 1  away from Jack and give it to Dan.

Dan now has \_\_\_\_\_ pencils.

# TUESDAY

1. Tick the widest spaceship.



2. About how many of your hands will cover this page?

\_\_\_\_\_

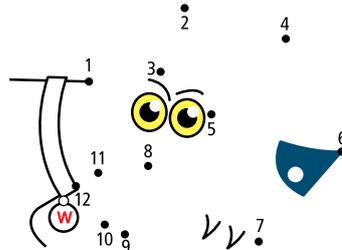
3. 1, 2, 3, \_\_\_\_\_, 5, 6,

8, \_\_\_\_\_, 10

4. 10, 9, 8, \_\_\_\_\_, 6, \_\_\_\_\_,

4, \_\_\_\_\_, 2, \_\_\_\_\_

5.



6. Order these numbers from lowest to highest.

21    18    12    16    5

\_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_ , \_\_\_\_\_

7. 8 is 

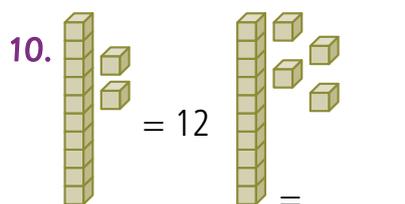
before	after
--------	-------

 7.

8.  $7 + 1 =$  \_\_\_\_\_

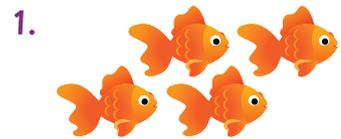


How many? \_\_\_\_\_



10.  $10 + 2 = 12$

# WEDNESDAY

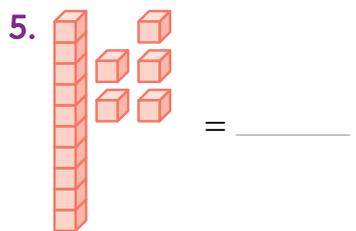


1. How many? \_\_\_\_\_



3.  $4 + 1 =$  \_\_\_\_\_

4.  $5 - 1 =$  \_\_\_\_\_



6. Colour the left arrow.



7. Write seven as a numeral. \_\_\_\_\_

10	11	12
20	21	
	31	32

Houses demolished by big bad wolf in January		
Oinky Pig	Snorty Pig	Curly Pig

9. How many houses did Big Bad Wolfie blow down?

\_\_\_\_\_

10. Who had the brick house?

\_\_\_\_\_

YOUR SCORE



YOUR SCORE



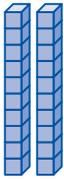
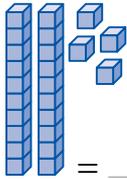
YOUR SCORE



# THURSDAY

1.  $8 + 1 =$  \_\_\_\_\_

2.  $9 - 1 =$  \_\_\_\_\_

3.  = 20  
 = \_\_\_\_\_

4. Order these numbers from low to high.

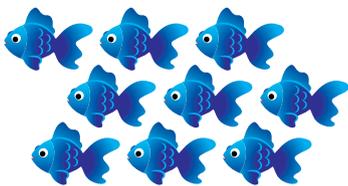
87   33   44   80   38

\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

5. Fill in the missing numbers.

100	101	102
110	111	
	121	122

6. Take 4 fish away. How many are left? \_\_\_\_\_



7. Take 3 fish away. How many are left? \_\_\_\_\_



8. How many  ? \_\_\_\_\_

9. How many  ? \_\_\_\_\_

10. How many  and  altogether? \_\_\_\_\_

# PROBLEM-SOLVING

## Monday

Tim has \_\_\_\_\_ more pencils than Mia.



## Tuesday

What coin is needed to make 20c? \_\_\_\_\_



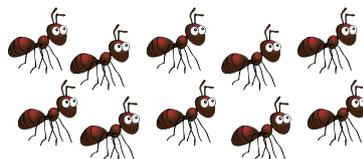
## Wednesday

Numbers 3 and 5 were missing from a pack of cards numbered 1 to 10. How many cards are there? \_\_\_\_\_

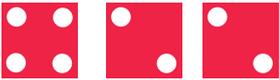


## Thursday

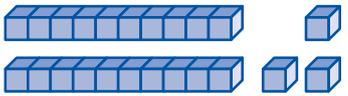
Count the ants. Take away 3 ants. How many are left? \_\_\_\_\_



# FRIDAY REVIEW

1. 

$4 + 2 + 2 =$  \_\_\_\_\_

2. 

$=$  \_\_\_\_\_

3. 37, \_\_\_\_\_, 39, \_\_\_\_\_, 41

4. 2, 4, 6, \_\_\_\_\_, \_\_\_\_\_ 12

5.  $9 + 1 =$  \_\_\_\_\_

6.  $10 - 1 =$  \_\_\_\_\_

7. Is 10 before or after 9?  
\_\_\_\_\_

8. Write *nine*. \_\_\_\_\_

9. The lighter load is



10. It is currently:

morning  afternoon

evening

Brick houses built by Curly Pig		
		
January	February	March

11. How many houses were built in the first 2 months?  
\_\_\_\_\_

12. How many houses were built in 3 months?  
\_\_\_\_\_

YOUR SCORE

YOUR SCORE

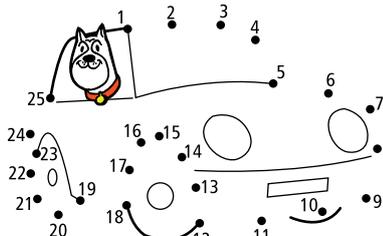
YOUR SCORE

# MONDAY

1.  \_\_\_\_\_ o'clock

2. Write *fourteen* as a numeral. \_\_\_\_\_

3. Join the dots.



4. If today is Monday, what day was yesterday?

\_\_\_\_\_

5.  $10 + 1 =$  \_\_\_\_\_

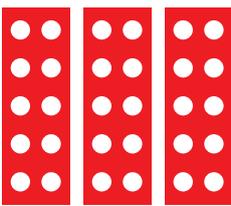
6. How many eyes does the eye monster have?



7. Fill in the missing numbers.

18	19	
28		30
	39	40

8.  $3 +$  \_\_\_\_\_  $= 10$

9.  = \_\_\_\_\_

10. Take 1 dot away. \_\_\_\_\_

# TUESDAY

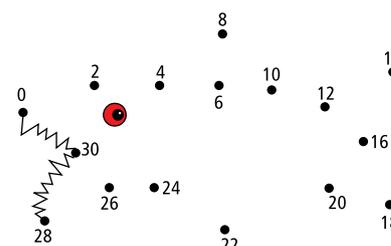
1.  \_\_\_\_\_ o'clock

2.  $1 +$  \_\_\_\_\_  $= 10$

3. Write *eleven* as a numeral.

\_\_\_\_\_

4. Join the dots.



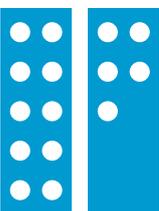
5.  $10 + 2 =$  \_\_\_\_\_

6. About how many of your hands will cover the area of your desk?

\_\_\_\_\_

7. If the monster shuts four eyes, how many are left open?



8.  = \_\_\_\_\_

9. Colour every second dog.



10. How many are coloured?

\_\_\_\_\_

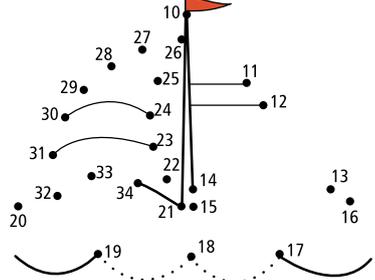
# WEDNESDAY

1.  \_\_\_\_\_ o'clock

2. Colour the coin that can buy more.



3. Join the dots. (Start at 10!)

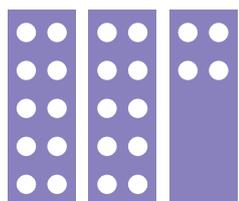


The picture is a \_\_\_\_\_.

4. If today is Wednesday, what will tomorrow be?

\_\_\_\_\_

5.  $4 + 6 =$  \_\_\_\_\_

6.  = \_\_\_\_\_

7. Is 12 before or after 11?

\_\_\_\_\_

8. How many eyes are shut?

\_\_\_\_\_

9. How many are open?



10. How many eyes altogether? \_\_\_\_\_

YOUR SCORE



YOUR SCORE



YOUR SCORE

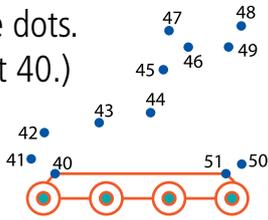


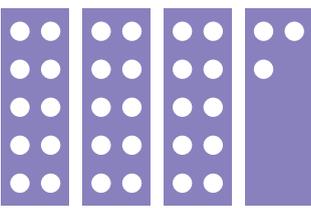
# THURSDAY

1.  Draw hands to show 6 o'clock.

2. 10, 20, 30, \_\_\_\_\_

3. Join the dots. (Start at 40.)



4. 

= \_\_\_\_\_

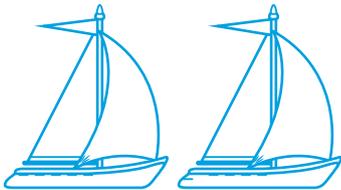
5.  $10 + 4 =$  \_\_\_\_\_

6.  $5 +$  \_\_\_\_\_  $= 6$

7. Fill in the missing numbers.

	23	24	25
32	33		35

8. Colour the left boat.



9. Complete the pattern.



10. Which letter is below E?

	K	
J	E	R
	M	

# PROBLEM-SOLVING

## Monday

Finish the pattern.



## Tuesday

A bowl had 6 apples. Later there were 10 apples. How many more apples were added?

\_\_\_\_\_



## Wednesday

Dad got home at



Mum got home at



Ben got home at



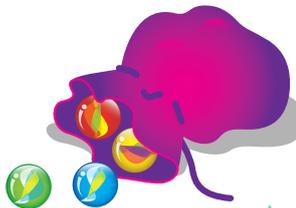
Who got home first?

\_\_\_\_\_

## Thursday

Ava had 3 more marbles than Tim. Tim had 4 marbles. How many marbles had Ava?

\_\_\_\_\_



# FRIDAY REVIEW

1 Colour the coin that can buy more.



2  $10 + 5 =$  \_\_\_\_\_

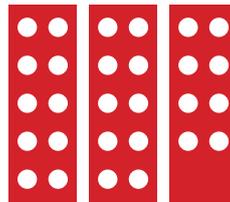
3 \_\_\_\_\_ 99, 98, 97



4 Take 4  away. How many are left? \_\_\_\_\_

5  $4 +$  \_\_\_\_\_  $= 10$

6 50, \_\_\_\_\_, \_\_\_\_\_ 47

7  = \_\_\_\_\_

8 10, 20, 30, 40, \_\_\_\_\_

9 Fill in the missing numbers.

30	31	
40		42
	51	52

10  Draw hands to show 12 o'clock.

11 If it's Friday, what day will tomorrow be?

\_\_\_\_\_

12 Which letter is above K?

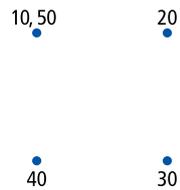
	T	
M	K	W
	X	

YOUR SCORE

YOUR SCORE

YOUR SCORE

# MONDAY

1. Join the dots. 

Which shape did you draw?

- A circle   
 B square   
 C triangle

2.  $10 + 2 =$  \_\_\_\_\_

3.   
 \_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

4.  \_\_\_\_\_ o'clock

5. Show a tally of 8. \_\_\_\_\_

6. How many more to make 4 fish? \_\_\_\_\_ 

7. Will this bike roll?  
 yes   
 no  

8. If it's Monday, what day was yesterday?  
 \_\_\_\_\_

9. Tick the coins to make 10c.  


10.  + \_\_\_\_\_ = 

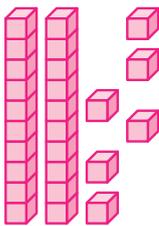
# TUESDAY

1.  \_\_\_\_\_ o'clock

2. Colour the right arrow.



3. Will a ● and a ● stack evenly?  
 yes  no

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

5. Fill in the missing number.

27	28	29	30
	38	39	40

6. (a) Tick the coins to make 20c.  


(b) How much money is not shaded? \_\_\_\_\_

7.  + \_\_\_\_\_ = 

8. Draw a straight line from A to B.  
 A B

9. Draw a curved line from A to B.  
 A B

10. Hungry Harry ate half a pizza for 8 days in a row. How many whole pizzas is that?  
 \_\_\_\_\_

# WEDNESDAY

1. Order these numbers from lowest to highest.  
 84 79 86 71 57

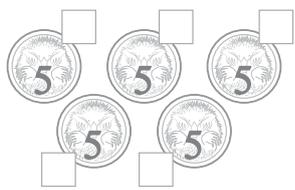
2. (a) Match the halves.  


A and \_\_\_\_\_, \_\_\_\_\_  
 and \_\_\_\_\_.

(b) Which half doesn't match? \_\_\_\_\_

3. Complete the pattern.  

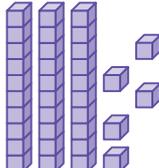

4.  $8 +$  \_\_\_\_\_  $= 10$

5. (a) Tick the coins to make 15c.  
  
 (b) How much money is left? \_\_\_\_\_ c

6.  +  + \_\_\_\_\_ = 15c

7.  $10 + 4 =$  \_\_\_\_\_

8.  \_\_\_\_\_ o'clock

9.  = \_\_\_\_\_

10. Is 19 before or after 20?  
 \_\_\_\_\_

YOUR SCORE 

YOUR SCORE 

YOUR SCORE 

# THURSDAY

1. Complete the table.



	How many?
Triangles	2
Squares	
Rectangles	
Total	

2.  Draw hands to show 11 o'clock.

3. Which day comes before Tuesday?  
\_\_\_\_\_

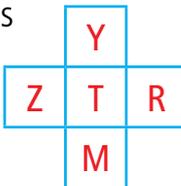
4.  $10 + 5 =$  \_\_\_\_\_



5. (a) Tick any coins to make 20c.  
(b) How much money is not shaded? \_\_\_\_\_c

6. 40, \_\_\_\_\_, 38, 37, \_\_\_\_\_

7.   
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_ = \_\_\_\_\_

8. Which letter is above T?  


9. Which letter is left of T?  
\_\_\_\_\_

10.  $9 - 2 =$  \_\_\_\_\_

YOUR SCORE

# PROBLEM-SOLVING

## Monday

Use any number once.

8 2 9 3 7 1 6

Which 3 pairs add up to 9?

\_\_\_\_\_ + \_\_\_\_\_, \_\_\_\_\_ + \_\_\_\_\_,  
\_\_\_\_\_ + \_\_\_\_\_.

## Tuesday

Colour 3 numbers to make 10.

6	2	4
1	8	7

## Wednesday

From a counter on 9, you rolled a

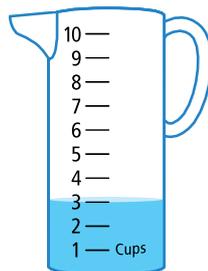


Colour where you landed.



## Thursday

How many more cups are needed to fill the jug to 10 cups?



# FRIDAY REVIEW

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

2.  How many more to make 8 fish? \_\_\_\_\_

3. Tick any coins to make 25c.  


4.  $3 +$  \_\_\_\_\_  $= 10$

5. Finish the pattern.  

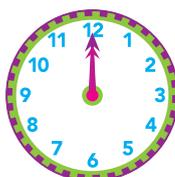

6. Order.  
28 43 72 36 69  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, 72

7.   
\_\_\_\_\_ + \_\_\_\_\_ + \_\_\_\_\_  
  
= \_\_\_\_\_

8. Will a  and  stack evenly?  
yes  no

9. February, \_\_\_\_\_, April

10. Which day comes after Friday?  
\_\_\_\_\_

11.  \_\_\_\_\_ o'clock

12. Show a tally of 9.  
\_\_\_\_\_

YOUR SCORE

YOUR SCORE