

SAMPLE PAGES

**MATHS MENTALS &
PRACTICE FOR HOME**

MATTHEW GRIFFITHS

STEP IT UP!

MATHS 4

A DOUBLE-SIDED WORKSHEET SAMPLE...

Each worksheet includes mental maths practice. Encourage your child to work these out in his or her head.

Each worksheet provides practice across all 3 strands of the Australian Curriculum.

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

2 + 4 = 7 + 4 + 3 = - 9 = 24

3 + 9 = 6 + 9 + 4 = 44 - 5 =

6 + 6 = 5 + 8 + 2 = 32 - 9 =

4 + 8 = 1 + 7 + 9 = 56 - 7 =

5 + 9 = 3 + 6 + 7 = - 8 = 36

MULTIPLICATION & DIVISION

= 5 × 4 8 × = 32 20 ÷ 4 =

= 1 × 8 4 × 11 = 40 ÷ 5 =

= 8 × 10 9 × = 72 35 ÷ 7 =

= 3 × 8 5 × = 30 25 ÷ 5 =

= 8 × 9 0 × 9 = 15 ÷ 3 =

NUMBER & PLACE VALUE

1 Write the numbers 100 less and 100 more.

100 less	3478	4029	8943	6249
100 more				

2 Complete the facts.

10 × 3 =	10 × 6 =
so 9 × 3 =	so 9 × 6 =
3 × 9 =	× =

5 × 8 =	5 × 7 =
so 6 × 8 =	so 6 × 7 =
× =	× =

FRACTIONS & DECIMALS

3 Draw a line to show the position of each fraction on the number line.

$\frac{1}{5}$	$\frac{2}{5}$	$\frac{3}{5}$	$\frac{1}{2}$	$\frac{4}{5}$
---------------	---------------	---------------	---------------	---------------

0 ————— 1

$\frac{4}{10}$	$\frac{1}{10}$	$\frac{5}{10}$	$\frac{8}{10}$	$\frac{6}{10}$
----------------	----------------	----------------	----------------	----------------

MONEY & FINANCIAL MATHEMATICS

4 Write each amount as dollars and cents.

575c = \$ 900c = \$

1020c = \$ 2100c = \$

5 Steve bought a cap for \$15, a pencil case for \$8.50 and a watch for \$25. He paid with a \$50 note. How much change did he receive? \$

6 Calculate the total cost.

Buy 4.

Total \$

Buy 3.

Total \$

Buy 4.

Total \$

Buy 4.

Total \$

Helpful information is provided about a key idea on the worksheet.

MEASURING UNITS OF MEASUREMENT

Write the time on each clock.

20 minutes to 3

15 minutes to 8

25 minutes to 5

10 minutes to 7

8 Draw lines to connect matching times.

60 seconds	1 year
52 weeks	1 minute
2 weeks	1 day
60 minutes	1 year
24 hours	14 days
12 months	1 hour

SHAPE

9 Complete the table.

Objects			
Number of faces			
Number of vertices			
Shape of base			
Number of sides on base			

10 Draw 3 different quadrilaterals.

LOCATION & TRANSFORMATION

11 Draw 2 different shapes that each have 8 sides and 1 mirror line.

CHANCE

12 Draw a X on the line to predict tomorrow's weather.

a. It will be 9 degrees tomorrow.

Impossible ————— Certain

b. There will be a storm in the afternoon.

Impossible ————— Certain

c. It will be snowing in the morning.

Impossible ————— Certain

d. It will be a fine, sunny day.

Impossible ————— Certain

e. It will rain in the morning.

Impossible ————— Certain

STATISTICS & PROBABILITY

TESTER

Which mass is the lightest?

$\frac{3}{4}$ kg 450 g 3 kg $\frac{1}{2}$ kg

Colour one bubble.

PAGE 26 ON REVERSE... PARENT/CARER SIGNATURE _____ DATE _____

Each worksheet provides practice for the questions in the national tests. In Year 4, these questions will help prepare your child for the testing that takes place at the beginning of Year 5.

THIS BOOK ALSO INCLUDES:

- A review after every 8 worksheets to help you check if your child is retaining the knowledge and skills they have learned and practised
- A glossary of mathematics terms
- Colourful stickers that your child can use to label his or her books.

ADDITION & SUBTRACTION

$2 + 4 =$	$7 + 4 + 3 =$	$\square - 9 = 24$
$3 + 9 =$	$6 + 9 + 4 =$	$44 - 5 =$
$6 + 6 =$	$5 + 8 + 2 =$	$32 - 9 =$
$4 + 8 =$	$1 + 7 + 9 =$	$56 - 7 =$
$5 + 9 =$	$3 + 6 + 7 =$	$\square - 8 = 36$

MULTIPLICATION & DIVISION

$\square = 5 \times 4$	$8 \times \square = 32$	$20 \div 4 =$
$\square = 1 \times 8$	$4 \times 11 =$	$40 \div 5 =$
$\square = 8 \times 10$	$9 \times \square = 72$	$35 \div 7 =$
$\square = 3 \times 8$	$5 \times \square = 30$	$25 \div 5 =$
$\square = 8 \times 9$	$0 \times 9 =$	$15 \div 3 =$

NUMBER & PLACE VALUE

- 1 Write the numbers **100 less** and **100 more**.

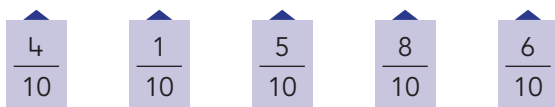
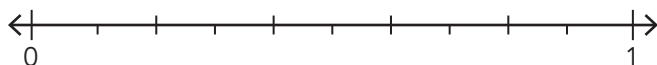
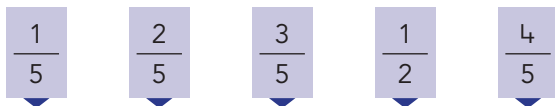
100 less				
	3478	4029	8943	6249
100 more				

- 2 Complete the facts.

$10 \times 3 =$	$10 \times 6 =$
so $9 \times 3 =$	so $9 \times 6 =$
$3 \times 9 =$	$\square \times \square =$
$5 \times 8 =$	$5 \times 7 =$
so $6 \times 8 =$	so $6 \times 7 =$
$\square \times \square =$	$\square \times \square =$

FRACTIONS & DECIMALS

- 3 Draw a line to show the position of each fraction on the number line.



MONEY & FINANCIAL MATHEMATICS

- 4 Write each amount as dollars and cents.

$575c = \$$

$900c = \$$

$1020c = \$$

$2100c = \$$

- 5 Steve bought a cap for \$15, a pencil case for \$8.50 and a watch for \$25. He paid with a \$50 note. How much change did he receive? \$

- 6 Calculate the total cost.

Buy 4.

Total \$

Buy 3.

Total \$

Buy 4.

Total \$

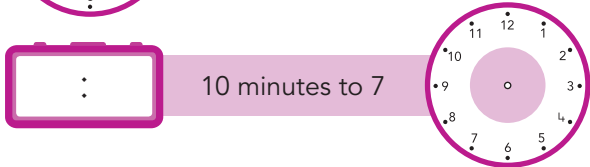
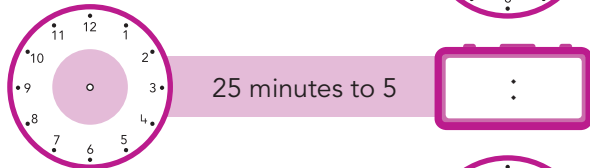
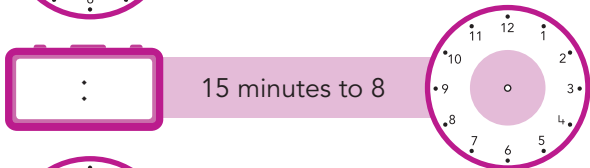
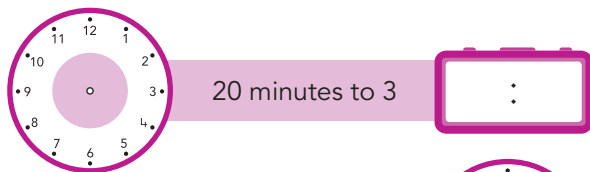
Buy 4.

Total \$



USING UNITS OF MEASUREMENT

7 Write the time on each clock.






8 Draw lines to connect matching times.

60 seconds	1 year
52 weeks	1 minute
2 weeks	1 day
60 minutes	1 year
24 hours	14 days
12 months	1 hour

SHAPE

9 Complete the table.

Objects			
Number of faces			
Number of vertexes			
Shape of base			
Number of sides on base			

10 Draw 3 different quadrilaterals.

LOCATION & TRANSFORMATION

11 Draw 2 different shapes that each have 8 sides and 1 mirror line.

CHANCE

12 Draw a **X** on the line to predict tomorrow's weather.

a. It will be 9 degrees tomorrow.

b. There will be a storm in the afternoon.

c. It will be snowing in the morning.

d. It will be a fine, sunny day.

e. It will rain in the morning.

Which mass is the lightest?



Colour one bubble.

