STEP IT UP!

MATHS 3

SAMPLE PAGES

MATHS MENTALS &
PRACTICE FOR HOME

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ORIGO
EDUCATION

STEP IT UP! MATHS 3

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 _____

STEP IT UP! **9**

MENTAL MATHS

ADDITION & SUBTRACTION

2 + 9 =	10 + ☐ = 28	15 – ☐ = 7	
7 + 5 =	20 + ☐ = 52	19 – 4 =	
8 + 8 =	20 + 19 =	☐ – 6 = 13	
9 + 3 =	☐ + 10 = 46	12 – ☐ = 4	
11 + 9 =	20 + 27 =	20 – 11 =	

MULTIPLICATION

2 × 5 =	☐ = 10 × 5
7 × 5 =	☐ = 2 × 8
2 × 3 =	☐ = 1 × 5
9 × 5 =	☐ = 2 × 9
5 × 4 =	☐ = 6 × 2

NUMBER & ALGEBRA

NUMBER & PLACE VALUE

1 Complete the missing parts.

8 hundreds 6 tens 4 ones

hundreds ☐ ones ☐

☐ hundreds ☐ tens ☐ ones

4 hundreds 7 tens 3 ones ☐

2 Draw a line to show where each number is located on the number line. Then write the hundred that is closest.

100 —————— 200 —————— 300

175   125   243

3 Write the number that the frog will land on.

+30: 160 → ☐   180 → ☐

–40: 185 → ☐   115 → ☐

FRACTIONS & DECIMALS

4 Shade one part. Then complete the fraction.

number of shaded parts ☐
number of equal parts ☐

MONEY & FINANCIAL MATHEMATICS

5 Imagine you have $5 for lunch. Loop the items you would buy.

• 60c   • $2.00   • $2.80   • 50c

PATTERNS & ALGEBRA

6 Complete these addition patterns.

52 + 9 = 61	35 + 6 = 41
53 + 9 = ☐	45 + 6 = ☐
54 + 9 = ☐	55 + 6 = ☐
55 + 9 = ☐	65 + 6 = ☐

7 Draw the next 2 shapes in this pattern.

■ ▲ ● ■ ▲ ●

ℹ A **prism** is a 3D object with two parallel bases that are the same shape and size and are connected by a ring of rectangles (oblongs or squares).

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ON REVERSE...

MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

Write 4 things that are **heavier than** and 4 things that are **lighter than** one kilogram.

Heavier than 1 kg	Lighter than 1 kg

9 Write **heavier than** or **lighter than**.

☐ are _____ 2 kg.

SHAPE

10 An object that has 2 identical faces joined together by squares or oblongs is called a prism. Loop the prisms below.

LOCATION & TRANSFORMATION

11 Which picture shows a shape that has been flipped over the dotted line?

○ ○ ○ ○

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

12 Look at this graph.

Year 3 Playtime Activities

Number of votes (0–10)

Handball   Swings   Library   Skipping
Playtime activity

a. How many more students play handball than use the swings? ☐

b. How many students play on the swings and go to the library? ☐

c. What is the difference in votes between the most popular and the least popular activities? ☐

d. How many students voted altogether? ☐

e. There are 27 students in Year 3. How many students did not vote? ☐

TESTER

What is the difference between the length of the eraser and the length of the pencil?

Write your answer in the box.

1 2 3 4 5 6 7 8 9 10 11 cm

☐ cm

PARENT/CARER SIGNATURE _____   DATE _____

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

Each worksheet provides practice for the questions in the national tests.

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
- An 8-page sample test to help prepare your child for the national tests.
- Colourful stickers that your child can use to label his or her books.

NAME _____

MENTAL MATHS

ADDITION & SUBTRACTION

2 + 9 = ☐	10 + ☐ = 28	15 – ☐ = 7
7 + 5 = ☐	20 + ☐ = 52	19 – 4 = ☐
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MULTIPLICATION

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NUMBER & ALGEBRA

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1 Complete the missing parts.

8 hundreds   6 tens   4 ones

☐ hundreds ☐   ☐ ones   ☐

☐ hundreds   ☐ tens   ☐ ones

4 hundreds 7 3 ones   ☐

2 Draw a line to show where each number is located on the number line. Then write the hundred that is closest.
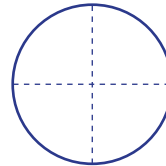
100   200   300

175   125   243

3 Write the number that the frog will land on.

🐸 + 30

| 160 | ☐ |
| 180 | ☐ |

🐸 – 40

| 185 | ☐ |
| 115 | ☐ |

FRACTIONS & DECIMALS

4 Shade one part.
Then complete the fraction.

number of shaded parts ☐
———————————————
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MONEY & FINANCIAL MATHEMATICS

5 Imagine you have $5 for lunch.
Loop the items you would buy.

• 60c   •$2.00   •$2.80   • 50c

PATTERNS & ALGEBRA

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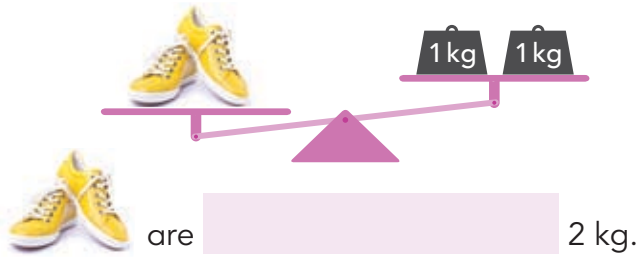**7** Draw the next 2 shapes in this pattern.

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MEASUREMENT & GEOMETRY

USING UNITS OF MEASUREMENT

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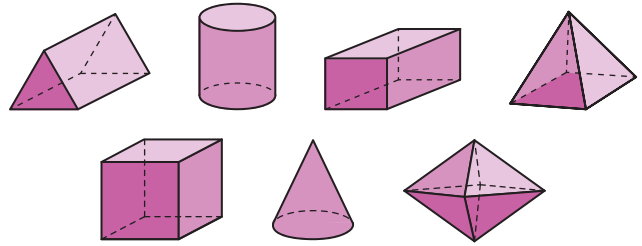| Heavier than 1 kg	Lighter than 1 kg

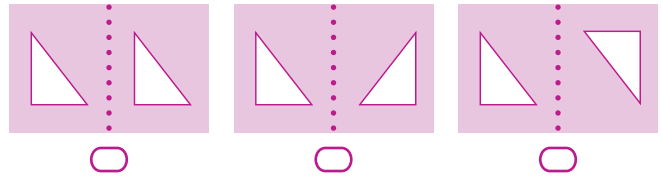**9** Write **heavier than** or **lighter than**.

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LOCATION & TRANSFORMATION
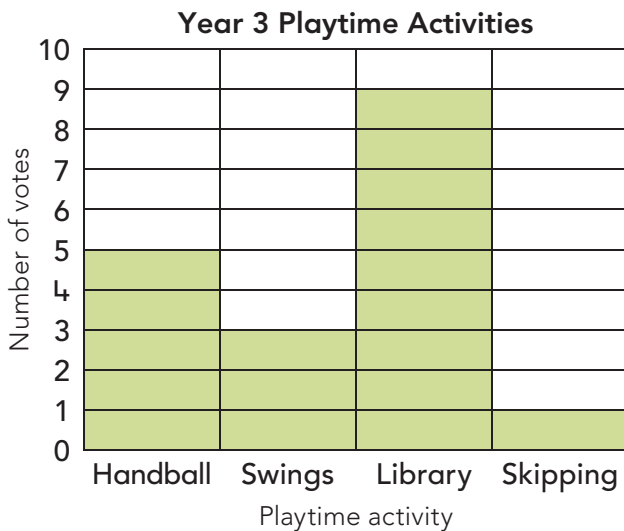
11 Which picture shows a shape that has been flipped over the dotted line?

○   ○   ○

STATISTICS & PROBABILITY

DATA REPRESENTATION & INTERPRETATION

12 Look at this graph.

Year 3 Playtime Activities

Number of votes — Playtime activity: Handball, Swings, Library, Skipping

a. How many more students play handball than use the swings?

b. How many students play on the swings and go to the library?

c. What is the difference in votes between the most popular and the least popular activities?

d. How many students voted altogether?

e. There are 27 students in Year 3. How many students did not vote?

TESTER

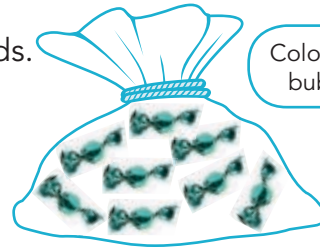What is the difference between the length of the eraser and the length of the pencil?

Write your answer in the box.

1 2 3 4 5 6 7 8 9 10 11 cm

_____ cm

PARENT/CARER SIGNATURE _____ DATE _____

NA 4 Ella wants to make party bags of lollies for her 4 friends.

She wants each one to look like this.

Which of these can Ella use to work out
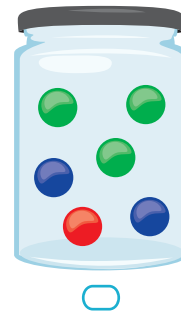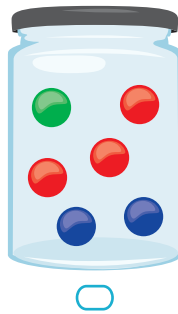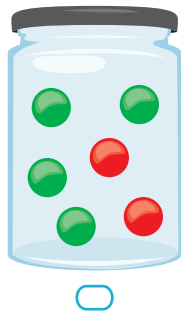how many lollies she will need altogether?

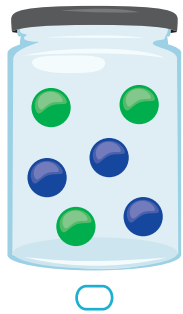Colour one bubble.

- ○ 8 × 4
- ○ 8 + 4
- ○ 8 ÷ 4
- ○ 8 − 4

WORKING SPACE

SP 5 Flynn takes one marble out without looking.

Which jar would give Flynn the best chance of picking a red marble?

Colour one bubble.

○   ○   ○   ○

NA 6 Millie has this money.

Write your answer in the box.

If she spends $2.35 on an ice cream,
how much money will she have left? $

WORKING SPACE