DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED.

STUDENT’S NAME:

Read the instructions on the ANSWER SHEET and fill in your NAME, SCHOOL and OTHER INFORMATION.

Use a 2B or B pencil.

Do NOT use a pen.

Rub out any mistakes completely.

You MUST record your answers on the ANSWER SHEET.

Mark only ONE answer for each question.

Your score will be the number of correct answers.

Marks are NOT deducted for incorrect answers.

Use the information provided to choose the BEST answer from the four possible options.

On your ANSWER SHEET fill in the oval that matches your answer.

You may use a ruler and spare paper.

You are NOT allowed to use a calculator.

Educational Assessment Australia
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1. Here is a group of shapes.

How many circles are in this group?

(A) 2
(B) 3
(C) 4
(D) 5

2. Which glass contains the most water?

(A)  
(B)  
(C)  
(D)  

3. Here is a number pattern.

255, 365, 475, 585, ? , ...

Which number is next in this pattern?

(A) 695
(B) 685
(C) 605
(D) 595

4. Here is a group of faces.

What fraction of the group has smiling faces?

(A) \( \frac{13}{13} \)
(B) \( \frac{13}{20} \)
(C) \( \frac{7}{13} \)
(D) \( \frac{7}{25} \)

5. Peter had some triangular tiles with sides 3 cm long.

He placed them side by side to make a trapezium.

If the perimeter of the trapezium was 27 cm, how many tiles did Peter use?

(A) 3
(B) 5
(C) 7
(D) 9
This page may be used for working.
Acknowledgment

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The following year levels should sit THIS Paper:

<table>
<thead>
<tr>
<th>Country</th>
<th>Grade</th>
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<tbody>
<tr>
<td>Australia</td>
<td>Year 5</td>
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<tr>
<td>Brunei</td>
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<tr>
<td>Hong Kong</td>
<td>Primary 5</td>
</tr>
<tr>
<td>Indonesia</td>
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<tr>
<td>Singapore</td>
<td>Primary 4</td>
</tr>
<tr>
<td>South Africa</td>
<td>Grade 5</td>
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</tbody>
</table>
How to fill out this sheet:

- Rub out all mistakes completely.
- Print your details clearly in the boxes provided.
- Make sure you fill in only one oval in each column.

Example 1: Debbie Bach

Example 2: Chan Ai Beng

Example 3: Jamal bin Abas

First Name to appear on certificate

Example 1: Debbie Bach

Example 2: Chan Ai Beng

Example 3: Jamal bin Abas

Last Name to appear on certificate

Are you male or female?

- Male
- Female

Does anyone in your home usually speak a language other than English?

- Yes
- No

School name: ________________________________

Town / suburb: ______________________________

Today's date: ______/____/____   Postcode: ____________

Date of birth

Day

Month

Year

Class (optional)
TO ANSWER THE QUESTIONS

Example: \(4 + 6 =\)

(A) 2  
(B) 9  
(C) 10  
(D) 24

The answer is 10, so fill in the oval \(\bigcirc\), as shown.

START

1  
2  
3  
4  
5

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<table>
<thead>
<tr>
<th>QUESTION</th>
<th>KEY</th>
<th>SOLUTION</th>
<th>STRAND</th>
<th>LEVEL OF DIFFICULTY</th>
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<tbody>
<tr>
<td>1</td>
<td>A</td>
<td>There are two circles in the set.</td>
<td>Space and Geometry</td>
<td>Easy</td>
</tr>
<tr>
<td>2</td>
<td>D</td>
<td>This question tests estimation. By visual approximation based on the width of each glass and the height of the level of water in each glass, D contains the most water.</td>
<td>Measurement</td>
<td>Easy</td>
</tr>
<tr>
<td>3</td>
<td>A</td>
<td>The pattern is created by adding 110 to the previous number. 585 + 110 = 695</td>
<td>Algebra and Pattern</td>
<td>Easy</td>
</tr>
<tr>
<td>4</td>
<td>B</td>
<td>There are 13 smiling faces out of the total of 20.</td>
<td>Number and Arithmetic</td>
<td>Easy</td>
</tr>
<tr>
<td>5</td>
<td>C</td>
<td>The two sides of the trapezium would be 3 cm + 3 cm = 6 cm. The rest of the trapezium, which is 21 cm, would have to be formed by the two bases (the top and the bottom base of the shape). Knowing that each tile has a side of 3 cm, we need to divide 21 by 3 to get the total number of tiles needed.</td>
<td>Measurement</td>
<td>Hard</td>
</tr>
</tbody>
</table>

**Level of difficulty** refers to the expected level of difficulty for the question.

- **Easy**
  - more than 70% of candidates will choose the correct option
- **Medium**
  - about 50–70% of candidates will choose the correct option
- **Medium/Hard**
  - about 30–50% of candidates will choose the correct option
- **Hard**
  - less than 30% of candidates will choose the correct option