REACH ASSESSMENTS™ ICAS ASSESSMENTS™

PAPER G PRACTICE QUESTIONS

Note: Some UNSW Global assessments are only available online.

Digital Technologies

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED.

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

Use a pencil. Do NOT use a coloured pencil or 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.

1. Ava created a spreadsheet in order to track her school supply expenses.

	A	B	C	D
1	**Item name**	**No of items**	**Cost per item**	**Subtotal**
2	Notebooks	4	$1.50	$6.00
3	Pens	3	$1.00	$3.00
4	Pencil case	1	$3.00	$3.00
5				
6			**TOTAL COST**	$12.00
7				
8			**Mean cost per item**	$1.50

Cell D6 contains the total amount of money that Ava spent on her school supplies. What formula was used in cell D6 to calculate the TOTAL COST?

(A) =SUM(D2:D4) (B) =SUM(C2:C4) (C) =SUM(B2:B4) (D) =SUM(B2:D4)

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2. Rani wanted to use this photo as the background to the text in a word processing document.

Photo 1

She opened the Format Picture dialogue box.

Photo 2

Which setting from the 'Color' menu in Image control should Rani select so that the text can be read over the picture, as shown in Photo 2?

(A) Automatic (B) Grayscale (C) Black & White (D) Washout

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3. Finn is creating a web page for a class project. These screenshots show Finn's source code and web page.

```
1  <html>
2  <head>
3  <title> First Web Page </title>
4  </head>
5  <body style="background: lightyellow">
6  <p> My First Web Page </p>
7  <p> This is my first web page. I have had a <em> really </em> good time creating my first page.
8  </p>
9  <p> My teacher said: <strong style="color: purple"> CONGRATULATIONS! </strong> </p>
10 </body>
11 </html>
```

My First Web Page

This is my first web page. I have had a *really* good time creating my first page.

My teacher said: CONGRATULATIONS!

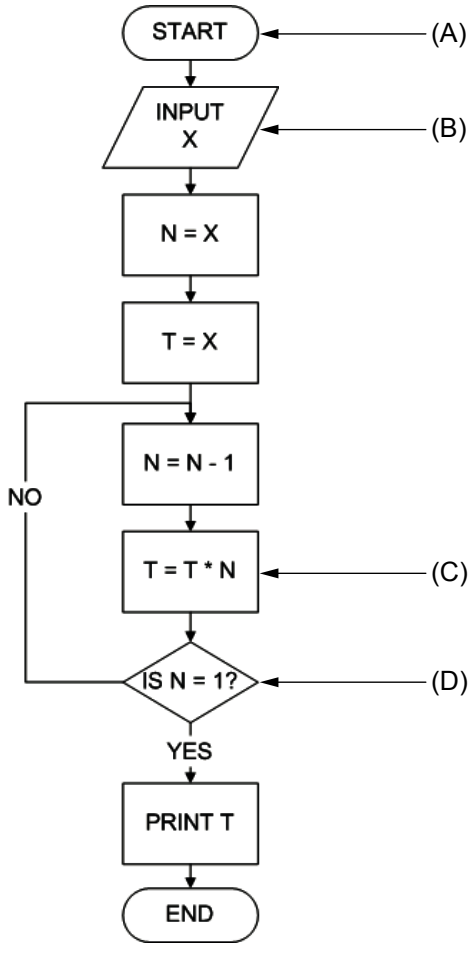
Why did Finn use the command in the code?

(A) to move the text
(B) to indent the text
(C) to hyperlink the text
(D) to emphasise the text

4. Mia created this flow chart to help her develop a simple program for Mathematics.

X, T and N are variable names used to store numbers.

Which symbol on the flow chart below represents a decision?



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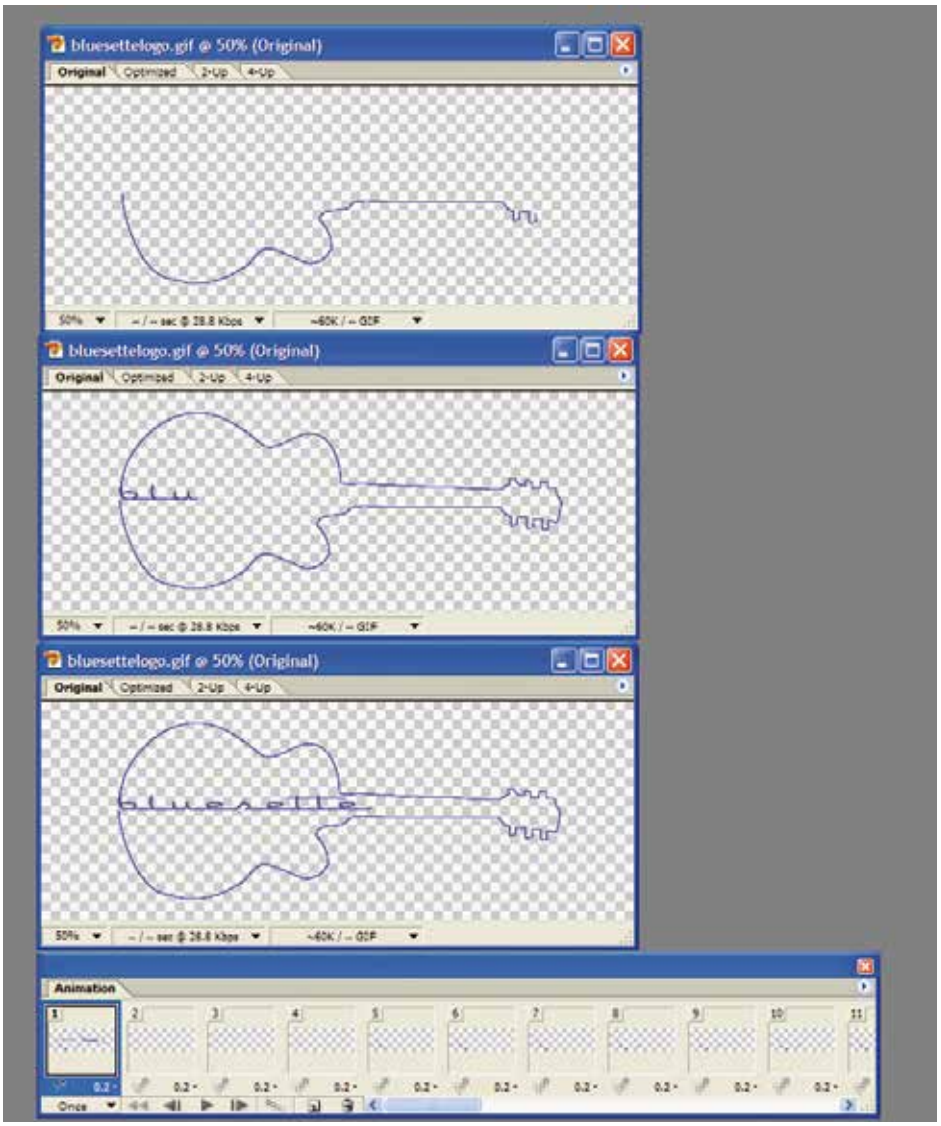
5. Lily created an animation to use as a logo for a website.



Lily formatted the animation with a transparent background to prevent the webpage colour being obscured.

Which part of the animation frame represents the transparent areas?

(A) all the checked areas
(B) the outline of the guitar
(C) the checked areas inside the outline of the guitar
(D) the checked areas outside the outline of the guitar

END OF PAPER

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PAPER GDT

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HOW TO FILL OUT THIS SHEET:

USE A PENCIL

- Print your details clearly in the boxes provided.
- Make sure you fill in only one oval in each column.
- Rub out all mistakes completely.
- Do not use a coloured pencil or pen.

EXAMPLE 1: Debbie Bach

FIRST NAME	LAST NAME
DEBBIE	BACH

EXAMPLE 2: Chan Ai Beng

FIRST NAME	LAST NAME
CHAN	AI BENG

EXAMPLE 3: Jamal bin Abas

FIRST NAME	LAST NAME
JAMAL BIN	ABAS

FIRST NAME to appear on certificate

LAST NAME to appear on certificate

SAMPLE

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

STUDENT ID (optional)

CLASS (optional)

TO ANSWER THE QUESTIONS

Example:

Using a computer to type a report is an example of

(A) emailing.
(B) a calculation.
(C) word processing.
(D) a computer game.

The answer is word processing, so you would fill in the oval Ⓒ, as shown.

Ⓐ Ⓑ ● Ⓓ

USE A PENCIL
DO NOT USE A COLOURED PENCIL OR PEN

START

1	Ⓐ	Ⓑ	Ⓒ	Ⓓ
2	Ⓐ	Ⓑ	Ⓒ	Ⓓ
3	Ⓐ	Ⓑ	Ⓒ	Ⓓ
4	Ⓐ	Ⓑ	Ⓒ	Ⓓ
5	Ⓐ	Ⓑ	Ⓒ	Ⓓ

SAMPLE

PAPER GDT

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QUESTION	KEY	DESCRIPTION OF SKILL	AREA	LEVEL OF DIFFICULTY
1	A	Identify the correct formula for calculating the total cost	5	Easy
2	D	Understand the use of the 'washout' colour setting	3	Medium
3	D	Understand the result of code when designing websites.	4	Medium
4	D	Identify the symbol for a 'decision' in a flow chart	6	Medium
5	A	Understand the effect of a watermark on an animation cell	3	Hard

LEGEND

Area refers to the particular curriculum area or strand assessed by the question.

1. General Skills
2. Word Processing
3. Graphics/Multimedia
4. Internet/Email
5. Spreadsheets/Databases
6. Programming/Scripting

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

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THE FOLLOWING YEAR LEVELS SHOULD SIT THIS PAPER	
Australia[1]	Year 9
Brunei	Form 4
Egypt	Year 9
Hong Kong	Form 3
Indian Subcontinent[2]	Class 9
Indonesia	Year 10
Malaysia	Form 3
Middle East[3]	Class 9
New Zealand/ Pacific[4]	Year 10
Singapore	Secondary 2
Southern Africa[5]	Grade 9

1 All international schools registered with UNSW Global (which have an 8-digit school code starting with 46) should sit the papers according to the Australian year levels.
2 Indian Subcontinent Region: India, Sri Lanka, Nepal, Bhutan and Bangladesh.
3 Middle East Region: United Arab Emirates, Qatar, Kuwait, Saudi Arabia, Bahrain, Oman, Turkey, Lebanon, Tunisia, Morocco, Libya, Algeria, Jordan and Pakistan.
4 Pacific Region: Vanuatu, Papua New Guinea and Fiji.
5 Southern Africa Region: South Africa, Botswana, Lesotho, Swaziland, Zimbabwe and Namibia.

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