NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY

YEAR

VEAR

7

2010

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SESSION 1

<u>n:4</u>(

Time available for students to complete test: 40 minutes

Use 2B or HB pencil **only**

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Do not write on this page.

YEAR 7 NUMERACY

	PRACTICE QUESTIONS	
P1	50, 100, 150, 200, 250, ? Which number comes next in this sequence?	Shade one bubble.
	251 260 300 350 O O O O	
P2	Use numbers to write one dollar and seventy-five cents.	Write your answer in the box.
Р3	268 cents equals dollars and cents.	Write your answer in the boxes.
P4	Twenty-seven can be written as Seventy-six can be written as	

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Start time	Monday	Tuesday	Wednesday			
8:45 am	English Room 9	Mathematics Room 21	English Room 21			
10:30 amRecessRecess10:45 amMathematics Room 22English Room 112:15 pmLunchLunch1:05 pmHealth Room 21Art Room 12:00 pmSport GymScience Room 2		Recess	Recess			
		English Room 15	Music Room 9			
		Lunch	Lunch			
		Art Room 11	Mathematics Room 15			
		Science Room 22	Science Room 22			
Room	22 Roo	vm 21 Ro ⊃	00m 15	Room 9		
For 3 day This table	s, Bella made shows her re	a tally of the b sults.	irds she saw ii	n a park.		
For 3 day This table	s, Bella made shows her res Type of Kookabu Magpie Galah Rosella	a tally of the b sults. bird Monda Irra 	virds she saw in Ny Tuesday	n a park. y Wed	Inesday 	
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	DAILY ATTENDANCE					
	Week 1	Week 2	Week 3	Week 4		
Monday	82	44	39	63		
Tuesday	77	56	75	58		
Wednesday	55	52	59	67		
Thursday	35	41	37	39		
Friday	28	24	32	24		
Monday	Tu	esday	Wedn	nesday ⊃	Thursday	
What was the port training 24	mean (a on Frida	verage) r ays? 26	number c 2	of people	who attended 28	
		\sim	_	.,		
\bigcirc		\bigcirc	C		U	
In a netball se She scored 21 Iosie's success less thar more tha more that more that	eason, Jos 0 goals a 5 rate of s 1 25% an 25% b an 50% b an 75%	sie had 48 nd misse scoring g ut less th ut less th	80 shots f d the res oals was an 50% an 75%	or goal. t.		

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Sheep © Werribee Giants Baseball Club Inc.

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Music Festival: Troy Cassar-Daley at the 2003 Galston Country Music Festival (Photo by Bob Howe).

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	YEAR 7 NUMERACY (CALCULATOR ALLOWED)
18	A prize of \$5934 is shared equally among 15 friends. How much does each person get in dollars and cents ? dollars and cents
19	 Zoe is 3 years older than Sarah. Emma is 4 years older than Sarah. Which equation shows how Zoe's age relates to Emma's age? Zoe's age = Emma's age - 1 Zoe's age = Emma's age + 1 Zoe's age = Emma's age - 7 Zoe's age = Emma's age + 7
20	 Adam leaves home and cycles 6 km west, then 4 km north. He records this trip as 6W, 4N. Which of these trips takes Adam home again? 3W, 2N, 3W, 2N 2W, 2N, 4W, 6S 3E, 2S, 3E, 4S 2E, 2N, 4E, 6S
21	 This diagram represents a 3D object. The object is a hexagonal prism. hexagonal pyramid. rectangular prism. rectangular pyramid.



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	YEAR 7 NUMERACY (CALCULATOR ALLOWED)
26	This rectangular courtyard measures 6 m by 8 m. A triangle is marked out on the courtyard.
27	Jamie surveyed all the Year 7 students at his school about their favourite sport. Favourite sport Number of students Basketball 85 Cricket 35 Football 55 Netball 75 Which sport did 3 out of every 10 Year 7 students choose as their favourite? Basketball Cricket Football 75
28	Dan has started to cover a rectangular floor with tiles. The tiles are twice as long as they are wide. The floor is $10\frac{1}{2}$ tiles wide and $18\frac{1}{2}$ tiles long. Using this pattern, what is the total number of tiles Dan will use to cover the floor?

YEAR 7 NUMERACY (CALCULATOR ALLOWED) Write your answer 29 Rob is building a brick wall that is 6 metres long. in the box. The length of a row of 15 bricks is 3.6 metres as shown. 3.6 metres How many bricks will Rob need for a row 6 metres long? 30 A shoe shop has a sale. Was \$95 Was \$90 Sale price is 20% off Sale price is 25% off What is the **difference** in the sale prices of these two pairs of shoes? \$ 31 A gardening company uses the following rule to calculate the cost of sand. $cost in \ dollars = (\$49.50 \times volume \ in \ cubic \ metres) + (\$5.90 \times delivery \ distance \ in \ km)$ Michelle paid the company \$653 for 12 cubic metres of sand. What delivery distance was Michelle charged for? km 32 Pam's new car uses 4.9 litres of fuel per 100 km. Her old car used 7.5 litres of fuel per 100 km. Pam pays \$1.10 per litre and drives 10000 km each year. How much money will Pam save on fuel each year with her new car? \$ **STOP – END OF TEST**

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