NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY

NUMERACY CALCULATOR-ALLOWED



SAMPLE QUESTIONS

These sample questions illustrate some of the question types and formats which will appear in the 2008 NAPLAN.

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- The New South Wales Department of Education and Training
- The Western Australian Department of Education and Training
- The South Australian Department of Education and Children's Services
- The Tasmanian Department of Education
- The Australian Capital Territory Department of Education and Training;
- The Northern Territory Department of Employment Education and Training
- The Victorian Curriculum and Assessment Authority
- The Queensland Studies Authority

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- State of New South Wales through the Department of Education and Training
 - State of Western Australia through the Department of Education and Training
 - Government of South Australia through the Department of Education and Children's Services
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 - Northern Territory Government through the Department of Employment Education and Training
 - Victorian Curriculum and Assessment Authority Queensland Studies Authority
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Sample 1

	The length of its b		bubble.				
	4.5 cm	9 cm	18 cm	36 cm			
	0	0	0	0			
2	This cylindrical gl The straw is 19 cm	ass has a height of 1 long.	12 cm and a base ra	adius of 4 cm.			
	The length of strav	w sticking out the	top of the glass is cl	osest to			
	0.3 cm	3.0 cm	5.0 cm	6.3 cm			
	0	0	0	0			
3				(Write your answer in the box.		
	This block of cheese will be cut into 2 cm cubes.						
	It is 14 cm long, 8 cm wide and 4 cm high.						
	The mass of the cheese is 630 g.						
	The mass of the cl	neese is 630 g.					





SAMPLE MATERIAL ONLY

3



Here is the graph of a linear equation. If the line is extended indefinitely at both ends which **one** of these points will lie on it?

(-7, -5)	(-5, -14)	(6, 17)	(8, 3)
0	0	\bigcirc	0

The cooking time for a roast chicken is 20 minutes plus 30 minutes per kilogram. If M is the mass of the roast in kilograms, the total cooking time in minutes is

$50 \times M$	$30 \times M \div 50$	$20 \times M \div 30$	20 + 30M
\bigcirc	0	0	\circ

1	A pair of jeans priced at \$79.95 is marked down by one third at a sale. What is the marked-down price of the jeans?				Shade one bubble.	
	\$22.62	\$53.30	\$55.96	\$79.65		
	0	0	0	0		
2	Solve this equation $\frac{2z+5}{7} = -13$ $z = $	on for <i>z</i> .		(Write your answer in the box.	
3	Jane, Meg and C	Pliver scored 1400 p	oints altogether on a	a computer game.	s Oliver	
	How many point	s does Oliver have?	iu wieg nas 4 unies	as many points a	s onver.	
4	A tradesman quotes \$780.00 to resurface a rectangular driveway 15 m long and 4 m wide. But when he arrives and measures the driveway, he finds it is 14 m long and 5 m wide. What should he adjust his quote to? (Assume he applies the same cost per square metre as originally.)					
	\$790.00	\$793.00	\$850.00	\$910.00		

Not all items in this test require the use of a calculator

	If $x = 5$ which of these expressions is equal to 225?						
-	22r	$3r^2$	0r ²	r ³			
	\sim	\mathcal{O}	$\overline{\mathbf{O}}$	x			
	C	C	C	<u> </u>			
2	The square ro	ot of 250 is					
	O between	10 and 15.					
	O between	15 and 20.					
	O between	40 and 60.					
	O between	100 and 150.					
3	Over the first nine games of a netball season, Carla has thrown an average (mean) of 16 goals per game. In her tenth game she throws 26 goals. Her average after ten games is						
	\bigcirc 17 goals per game. \bigcirc 18 goals per game						
	\bigcirc 10 goals	s per game.					
	O 21 goals	s per game.					
4							
	31°						
	The value of <i>z</i>	in this diagram is					
	25	31	34	56			
	0	0	0	0			

Sample 5

Not all items in this test require the use of a calculator



Sample 6



What is the average (mean) distance the 4 students can run in 10 seconds?

metres