## NUMERACY CALCULATOR/ALLOWED



only



P4

1052913 1			128_129 7N	
FIRST NAME:				
LAST NAME:				
Date of Birth:/			-	
SOUTH SYDNEY HIGH S	SCHOOL			İ
530_8545			5308545 4	
STUDIENTIOKOOMRILE				44
Please print your first name		rite in canital let	ters	144
				740
FIRST NAME	LAST NAME			
ALEACHTERAIO/GOMRISE				
Please indicate if any of the		toot oppoles. Th		
absent exe			e student was ectioned abandonment	
Books for students in these ca	•		1	
Please indicate if student re	eceived special provision	ns to complete t	nis test session.	
The student accessed the following		•		
C Large Print B	aille . Assis	tive technology	Oral sign support	
Adjustable furniture S	eparate supervision C Extra	time	○ Scribe	
Other (specify)			Reader	
The student is enrolled in a Supp				

•					
	PRACTICE	OUESTIÓNS			
P1 <sub>.</sub>	50, 100,	150, 200, 25	0, [2]		Shade on bubble.
	Which numbe	r comes next in th	is sequence?		
•	251	260	300	350	
	0	0	0	0	
P2	Jim gets paid ! He worked fo	-			Write your answ in the box.
•	How much di				
		——————————————————————————————————————			
	\$				
Р3	\$1 = 100 cents	·			
	Complete the	table.			
	\$	cents			7
	1	100	-		
	2	200			
	. 5				
				•	

Write one half as a fraction.	Write you in the I

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THE THE FLETTING

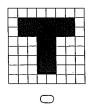


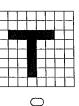


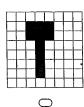


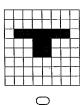
He then doubled the height and width of the shape.

Which drawing shows this?













Which number does ( equal?



In 1894, women were granted the right to vote in South Australia. By 2009, women in South Australia will have been able to vote for

113 years.

115 years.

125 years.

215 years.

 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

 $\circ$ 

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Edward travelled 110 kilometres in 2 hours.



-What was his average speed in kilometres per hour?

50 

55 0  $\bigcirc$ 

Two places are 4.7 cm apart on a map. On the map 1cm represents 5km.

What is the actual distance between the two places?

1.06 km

9.4 km

23.5 km  $\bigcirc$ 

47 km  $\circ$ 

220

 $\bigcirc$ 

 $\bigcirc$ 

 $\circ$ 

The area of Australia is 7686850 square kilometres.

What is this area rounded to the nearest thousand square kilometres?

7000000

7600000

7686000

7687000 0

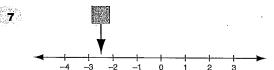
 $\bigcirc$ 

0

0

Write your answe

in the box.



The arrow points to a position on the number line.

What number is at this position?

Sean wrote a number on a piece of paper. If he multiplied his number by 5 and then divided by 2,

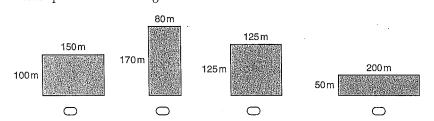
the answer would be 30. What was Sean's number?





Shade one bubble.

Which paddock has the largest area?



A water tank has a capacity of 6.25 kilolitres.

How many litres does the water tank hold when it is full?

625  $\bigcirc$ 

6025

 $\bigcirc$ 

62500  $\circ$ 

Four families flew to Australia.

The airline allows each person to have 22 kg of luggage.

Family name	Number of people	Mass of family luggage
Nguyen	<u> </u>	61 kg
Boyd	<u>፟</u> ፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟፟	87 kg
Clarke	<u> </u>	111 kg
Agostini	<i>፟</i> ፞፞፞፞፞፞ጚ፞፞፞፞፞ጚ፞ጚ፞ጚ፞	131 kg

Which family had more than 22kg of luggage per person?

Nguyen

Boyd

Clarke

Agostini

0

 $\circ$ 

 $\bigcirc$ 

 $\bigcirc$ 

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What number will make this number sentence true?

Write your answe in the box.

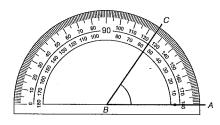
Shade one

bubble

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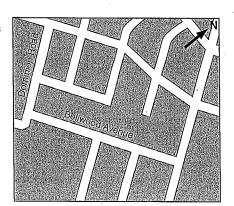
4.52 + 3.68 =+3.70

13



What is the size of angle ABC?

14



Tara is travelling along Bellwood Avenue towards Dominion Road.

What direction is Tara travelling?

North-East

North-West

South-East 

South-West

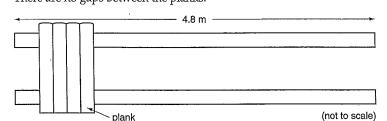
 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 







How should Sam calculate how many planks he will need altogether?

- $4.8 \div 0.12$
- $0.12 \div 4.8$
- $4.8 \times 0.12$
- $\bigcirc$  4.8 0.12



\$\\delta \times \\delta = 18

What is the value of  $\diamondsuit$ ?

- $\bigcirc$



Alex bought 3 pieces of fish and a \$2 bag of chips.

The cost was \$11.90.

What would 2 pieces of fish and a \$1 bag of chips cost?

\$9.90

\$8.90

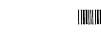
\$8.60  $\bigcirc$ 

\$7.60  $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

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18 Zoe bought a bike on sale at 15% off the original price. The original price was \$420.

\$357

 $\circ$ 



How much did Zoe pay for the bike?

\$63  $\bigcirc$  \$378

\$405  $\bigcirc$ 

A vase has 18 flowers in it. 19

What fraction of the flowers are blue?

12

12 flowers are blue.

 $\frac{6}{12}$ 

 $\frac{2}{3}$  $\bigcirc$ 

 $\bigcirc$ 

 $\circ$ 

Harry sets his watch and his alarm clock to different times.





Watch

Alarm clock

When his alarm clock shows



what time does his watch show?

 $\bigcirc$ 

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The movie still has 53 minutes to run.

Write your answer in the box.



What time will the DVD player show at the end of the movie?

This calculation gives the average speed (kilometres per hour) of a rocket over a small time interval.

62.735 - 6.8550.04

What is the average speed of the rocket?

kilometres per hour



The diameter of a \$2 coin is about 2 cm.





About how much would a 1 km line of \$2 coins be worth?

\$1000

\$5000

\$20000

\$100000

 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

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This hexagon pattern is made with sticks.

Hexagons		$\bigcirc$			
Number of hexagons	1	2	3	4	10
Number of sticks	6	11	16	21	2

How many sticks are needed to make 10 of these hexagons?

51  $\bigcirc$ 

53  $\bigcirc$ 

55

 $\bigcirc$ 

 $\bigcirc$ 

25

The mean (average) of five numbers is 34.

One more number is added and the mean becomes 35.

The number added is

35  $\bigcirc$   $\bigcirc$ 

69  $\bigcirc$ 

Emma used identical cubes to build a rectangular prism.

There were 12 cubes in its base.

She used 60 cubes altogether.

Which of these could be the dimensions of Emma's prism?

 $10 \times 1 \times 6$ 

 $2 \times 6 \times 10$ 

 $4 \times 3 \times 5$ 

 $3 \times 4 \times 6$ 

 $\bigcirc$ 

 $\bigcirc$ 

 $\bigcirc$ 

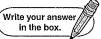
 $\bigcirc$ 

A rule to calculate the amount of medicine (mL) a child needs is:

Child amount =  $(Adult\ amount \times Age\ of\ child) \div (Age\ of\ child + 12)$ 

Use this rule to complete the table.

Adult amount Age of child Child amount (mL) (years) (mL) + 10 8



Shade one

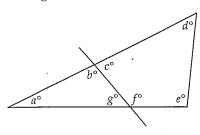
bubble.



A triangle is divided into 2 parts by a straight line.

Shade one bubble.

The angles are then labelled.

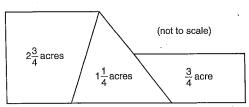


Which statement is true about the sum of angles?

- a + b + c = 180
- c + d + e + f = 360
- a + b + g = 360
- a + g + f + e = 180

This plan shows 3 blocks of land.

Their areas are measured in acres.



1 hectare = 2.47 acres

The total area of the 3 blocks in hectares is closest to

1.82

1.92

4.75

11.73

0

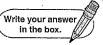
 $\bigcirc$ 

 $\bigcirc$ 

 $\circ$ 

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The area of the square base is 52 900 m<sup>2</sup>.

What is the length (m) of one side of the base?

m

Carlos has 3 times as many orange trees as lemon trees. Altogether he has 76 trees.

How many orange trees does he have?

Shade one bubble.

32 Sue draws a polygon.

It has a certain number of 120° angles and the same number of 150° angles. It has no other angles.

The polygon is

a pentagon.

 $\bigcirc$ 

a hexagon.  $\bigcirc$ 

an octagon.  $\bigcirc$ 

a decagon. 0

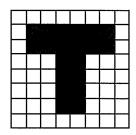
**END OF TEST** 





## NAPLAN Numeracy (with calculator) Year 7 2009 Quick Answers

1.



- 2. 4
- **3.** 115
- **4.** 55
- **5.** 23.5 km
- **6.** 7 687 000
- 7. -3
- **8.** 12
- 9.

125m 125m

- **10.** 6250
- 11. Clarke
- **12.** 4.5
- **13.** 55°
- 14. South-West
- 15.  $4.8 \div 0.12$
- 16.  $\frac{2}{5}$

- **17.** \$7.60
- **18.** \$357
- 19.  $\frac{2}{3}$
- **20.** 11:50
- **21.** 2:36
- 22. 1397 km/h
- 23. \$100 000
- **24.** 51
- **25.** 40
- **26.**  $4 \times 3 \times 5$
- **27.** 4 mL
- **28.** c + d + e + f = 360
- **29.** 1.92
- **30.** 230 m
- **31.** 57
- 32. an octagon.