

NUMERACY CALCULATOR ALLOWED



YEAR 7 Example test

0:40

Time available for students to complete test: 40 minutes

SESSION 1

Use 2B or HB pencil only

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3	In 1894, women we	ere granted the righ	nt to vote in South	Australia.	
	By 2009, women in	South Australia w	rill have been able	to vote for	
	113 years.	115 years.	125 years.	215 years.	
	0	\bigcirc	0	0	
4	Two places are 4.7 c On the map 1 cm re	em apart on a map epresents 5 km.			
	What is the actual of	distance between t	he two places?		
	1.06 km	9.4 km	23.5 km	47 km	
	0	\bigcirc	0	0	
5	Emma has \$1.25 in	coins.			
	What is the least n	umber of coins she	can have?		
	2	3	4	5	
	\bigcirc	0	0	\bigcirc	
6	Image: State of the state	eapples 80 each es and one pineapp lan pay for the frui	ble from this marke it altogether? \$	et stall.	









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An electrician calculates the price of a job using a service fee and

	2	4	5	6	4	
Job price \$160 \$252 \$298 \$344						
How are the job prices calculated?						
\bigcirc \$80 service fee + \$40 per hour						
\bigcirc \$80 service fee + \$80 per hour						
➡ \$68 set	rvice fee -	+ \$92 per l	nour			
	rvice fee ·	+ \$46 per l	nour			
A rule to ca <i>Child amoun</i>	$\begin{aligned} \text{lculate the} \\ \mathfrak{lt} &= (Adul) \\ \text{lculate commute} \end{aligned}$	e amount t amount ×	of medici <i>Age of ch</i> i	ne (mL) a ild) ÷ (Ag	a child need e of child + 1	s is: 2)
Use this rul	e to comp	plete the ta	ible.			
Adult am	nount	Age of	child	Child	amount	
(mL	.)	(yea	rs)	(mL)	
10		8				
Jamie surve Favourite spo	eyed all th	e Year 7 st	tudents at	his scho	ol about the	eir favourite spo
Jamie surve Favourite sp e Basketball	eyed all th	ne Year 7 st Iber of stude 85	tudents at	his scho	ol about the	eir favourite spo
Jamie surve Favourite sp Basketball Cricket	eyed all th	ne Year 7 st 1 ber of stud 85 35	tudents at	his scho	ol about the	eir favourite spo
Jamie surve Favourite spo Basketball Cricket Football	eyed all th	te Year 7 st ther of stude 85 35 55	ents	his scho	ol about the	eir favourite spo
Jamie surve Favourite spo Basketball Cricket Football Netball	eyed all th	ne Year 7 st Iber of stud 85 35 55 75	ents	his scho	ol about the	eir favourite spo
Jamie surve Favourite spo Basketball Cricket Football Netball Which spor	eyed all th	te Year 7 st ber of stude 85 35 55 75 tt of everv	tudents at	his scho	ol about the	eir favourite spo heir favourite?
Jamie surve Favourite spo Basketball Cricket Football Netball Which spor	eyed all th ort Num t did 3 ou	te Year 7 st ber of stude 85 35 55 75 It of every	tudents at	his scho students	ol about the choose as t	eir favourite spo heir favourite?
Jamie surve Favourite spo Basketball Cricket Football Netball Which spor Basketb	eyed all th ort Num understand	te Year 7 st ber of stude 85 35 55 75 tt of every Cricke	tudents at ents 10 Year 7	his scho students Footba	ol about the choose as t	eir favourite spo heir favourite? Netball

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29	Which of these num	bers is a multiple	e of both 7 and 11?		
	711	777	7117	7777	
	\bigcirc	0	0	0	
30	A shoe shop has a sa	ale.			
	Was \$95 Sale price is 20% off What is the differen \$	Ce in the sale price	Was \$90 rice is 25% off	rs of shoes?	
31	Dan has started to c The tiles are twice a The floor is $10\frac{1}{2}$ tiles Using this pattern, w to cover the floor?	over a rectangula s long as they are s wide and $18\frac{1}{2}$ t what is the total r	ar floor with tiles. e wide. iles long.	will use	







	YEAR 7 NUMERACY (NON-CALCULATOR)
8	A rectangular paddock has a perimeter of 50 metres. Each long side has a length of 15 metres. What is the length of each short side? metres
9	A number is multiplied by itself and then 9 is added. The answer is 13. What is the number?
10	A computer chip has dimensions 8 mm × 8 mm. A scale drawing is shown below.
11	Jenny is exactly 3 years old. Her brother Ken is exactly 17 months old. How many months older than Ken is Jenny?
	13 14 19 21 O O O O

12	Lucy made 4 tree designs using sticks. There is a pattern in the way the trees grow.					
	Tree 1 1 stick 3 sticks	Tree 3 7 sticks	Tree 15 stic	4 cks		
	Lucy continues tl	he pattern in the	same way.			
	How many sticks	s will Tree 5 have	2?			
	23	31	35	45		
	0	0	0	0		
13	Bruce is cooking dinner. The table shows the cooking times for his dinner.					
		Cooking time				
	Chicken	Cooking time	es			
	Chicken Potatoes Peas	Cooking time 1 hour 40 minute 20 minutes 10 minutes	es			
	Chicken Potatoes Peas Bruce starts cook He wants everyth	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coo	es at 5:10 pm. oking at the sam	ne time.		
	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time sho	Cooking time 1 hour 40 minutes 20 minutes 10 minutes ing the chicken a ning to finish coo ould Bruce start c	es at 5:10 pm. oking at the sam cooking the pear	ne time. s?		
	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time sho 6:20 pm	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coc ould Bruce start c 6:30 pm	es at 5:10 pm. oking at the sam cooking the pear 6:40 pm	ne time. s? 6:50 pm		
	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time sho 6:20 pm	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coo ould Bruce start c 6:30 pm	es at 5:10 pm. oking at the sam cooking the pear 6:40 pm	ne time. s? 6:50 pm 〇		
14	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time show 6:20 pm	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coc ould Bruce start c 6:30 pm C percentage of \$40	es at 5:10 pm. oking at the sam cooking the pear 6:40 pm	ne time. s? 6:50 pm		
14	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time sho 6:20 pm O What is \$10 as a p 4%	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coo ould Bruce start c 6:30 pm C percentage of \$40 10%	es at 5:10 pm. oking at the sam cooking the pear 6:40 pm 0?	ne time. s? 6:50 pm	40%	
14	Chicken Potatoes Peas Bruce starts cook He wants everyth At what time sho 6:20 pm C What is \$10 as a p 4%	Cooking time 1 hour 40 minute 20 minutes 10 minutes ing the chicken a ning to finish coc ould Bruce start c 6:30 pm C percentage of \$40 10% C	es at 5:10 pm. oking at the sam cooking the pear 6:40 pm 0? 25%	ne time. s? 6:50 pm	40%	



18	This 3D symmetrical object is a It is then painted.	made by joining cube	s.	
19	These are four number cards.			
	Use each card once to make th	is number sentence tr = 2010	rue.	
20	37.9 × 10 = 3790 3709	37.90	379 〇	
21				
	How many lines of symmetry 4 3 O	does the design on th 2 	nis flag have? 1 〇	

Jill lives in a street that runs directly north-south. 22 Her house is north of the park and west of the school. N High St Carver St Station Adams Main St Bank St Ş Š School Court house Lyceum St William St Park Town 🔲 hall Branch St What street does Jill live in? Adams St Bonnel St Station St Main St \bigcirc \bigcirc \bigcirc \bigcirc This jug has some milk in it. 23 ·2L 1 L If Eve adds an extra 500 mL of milk to the jug, how many millilitres (mL) of milk will then be in the jug? mL





29	Which arrow is pointing closest to the location of $\frac{3}{4}$ on this number line?
30	Ben has 2 identical pizzas. He cuts one pizza equally into 4 large slices. He then cuts the other pizza equally into 8 small slices. A large slice weighs 32 grams more than a small slice. What is the mass of one whole pizza? grams
31	 The dimensions of a large room are double the dimensions of a small room. Both rooms are rectangular prisms. The volume of the small room is 10 cubic metres. What is the volume of the large room? 20 cubic metres 40 cubic metres 80 cubic metres 160 cubic metres









NAPLAN Numeracy Example Test – Year 7 Calculator Allowed

Question number	Answer key	Question number	Answer key
Y7CA Q01	А	Y7CA Q17	С
Y7CA Q02	D	Y7CA Q18	В
Y7CA Q03	В	Y7CA Q19	D
Y7CA Q04	С	Y7CA Q20	В
Y7CA Q05	В	Y7CA Q21	A
Y7CA Q06	\$5.05	Y7CA Q22	В
Y7CA Q07	D	Y7CA Q23	В
Y7CA Q08	12	Y7CA Q24	47.5
Y7CA Q09	С	Y7CA Q25	С
Y7CA Q10	В	Y7CA Q26	D
Y7CA Q11	D	Y7CA Q27	4
Y7CA Q12	-2.5	Y7CA Q28	D
Y7CA Q13	С	Y7CA Q29	D
Y7CA Q14	02:36	Y7CA Q30	8.5
Y7CA Q15	С	Y7CA Q31	388.5
Y7CA Q16	С	Y7CA Q32	125

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NAPLAN Numeracy Example Test – Year 7 Non-Calculator

Question number	Answer key	Questio numbe
Y7NC Q01	D	Y7NC Q
Y7NC Q02	D	Y7NC Q
Y7NC Q03	В	Y7NC Q
Y7NC Q04	В	Y7NC Q
Y7NC Q05	С	Y7NC Q
Y7NC Q06	D	Y7NC Q
Y7NC Q07	E	Y7NC Q
Y7NC Q08	10	Y7NC Q
Y7NC Q09	2 or -2	Y7NC Q
Y7NC Q10	В	Y7NC Q
Y7NC Q11	С	Y7NC Q
Y7NC Q12	В	Y7NC Q
Y7NC Q13	С	Y7NC Q
Y7NC Q14	С	Y7NC Q
Y7NC Q15	128	Y7NC Q
Y7NC Q16	В	Y7NC Q

Question number	Answer key
Y7NC Q17	40
Y7NC Q18	30
Y7NC Q19	402 x 5
Y7NC Q20	D
Y7NC Q21	D
Y7NC Q22	A
Y7NC Q23	1250
Y7NC Q24	А
Y7NC Q25	С
Y7NC Q26	150
Y7NC Q27	150
Y7NC Q28	D
Y7NC Q29	A
Y7NC Q30	256
Y7NC Q31	С
Y7NC Q32	300

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