

NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY

NUMERACY **CALCULATOR ALLOWED**

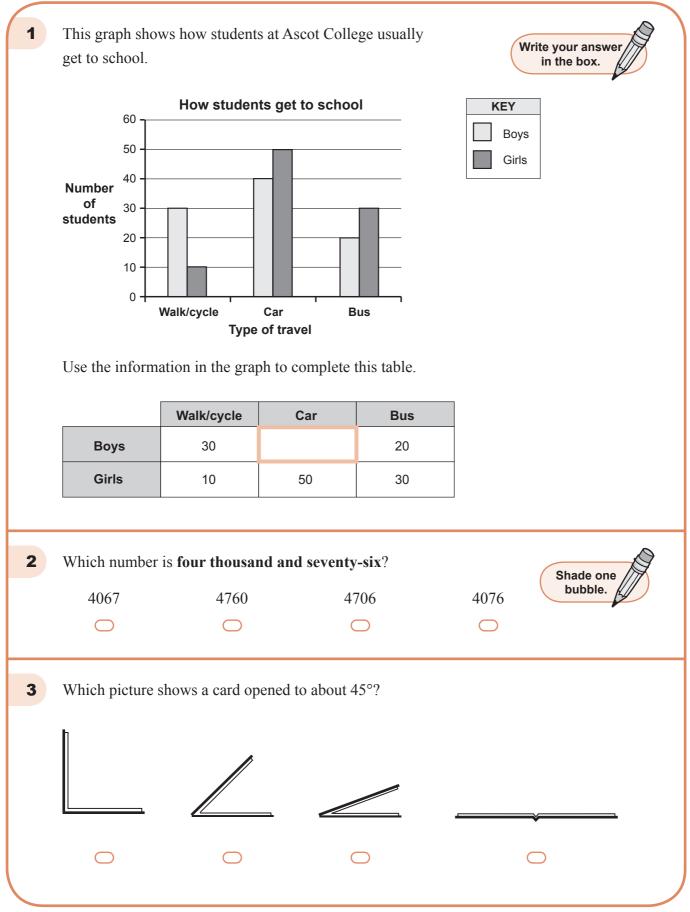
2008

YEAR

SESSION 2 Time available for students to complete

test: 40 minutes

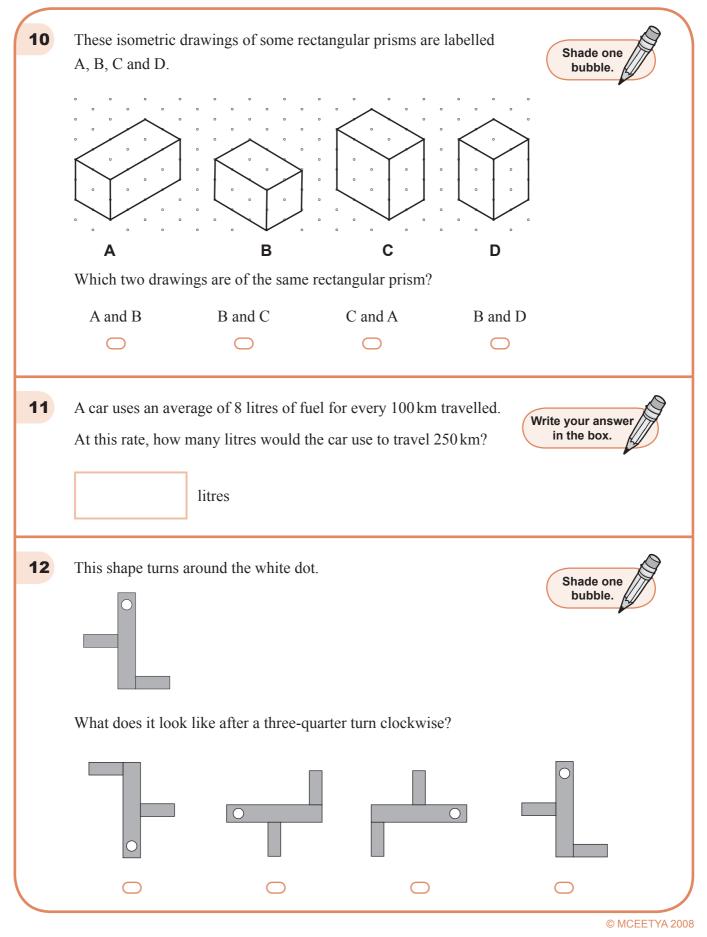
pencil **only**



This table summari over five days.	ses the time Mick sp	pent walking his	Sha	ade one ubble.
TIME SPENT WA	LKING THE DOG			
Day	Time			
Monday	45 minutes	_		
Tuesday	50 minutes	_		
Wednesday	1 hour			
Thursday	62 minutes			
Friday	43 minutes			
What was the avera	age (mean) time for	these walks?		
40 minutes	52 minutes	65 minutes	260 minutes	
\bigcirc	\bigcirc	\bigcirc	\bigcirc	
$1\frac{1}{2}$	xactly halfway betw 2	$4 \qquad 4$ $2\frac{1}{2}$	$2\frac{3}{4}$	
\bigcirc	\bigcirc	\bigcirc	\bigcirc	
This is a triangular	prism.			
Which diagram is t	he net of a triangula	r prism?		
	\rightarrow \bigtriangledown			

	ows the parking spaces i			hade one bubble.
G1	G2 G3	G4		
F1	F2 F3	F4		
E1	E2 E3	E4		
)	
D1	D2 D3	D4		
C1	C2 C3	C4		
B1	B2 B3	B4		
A1	A2 A3	A4		
Simon enters	s the car park at the arro	W.		
He takes the	second turn on his left a	and parks in the third	d parking space on his	right.
	ng space is this?	1		0
A1	B1	G2	B2	
\bigcirc	\bigcirc	\bigcirc	\bigcirc	
Cassie rode How far did	her bike for 30 seconds. she ride?	She rode at a speed	of 6 metres per second	d.
5 m	36 m	180 m	300 m	
\bigcirc	\bigcirc	\bigcirc	\bigcirc	
	these two arrows. She as $rrows$ where the arrows stop		5.	
4 7	54 pins the arrows again. H	low many different	ways can she get a tot :	al of 8?
Marie then s	2	3	4	

4



5

13		20 cm 15 cm	ap on to a wall. height ↓ t ap shown on the wall	1?	Shade one bubble.
	150 cm	180 cm	200 cm	300 cm	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
14	One-fifth of the l	ength of Ruby's ski	pping rope is 30 cm.	N	Vrite your answer in the box.
	How long is her	rope?	cm		
15	A school has 150 80 of the student		on loan from the libra	ary.	Shade one bubble.
	The fraction of st	tudents who have a	book on loan from th	e library is clos	sest to
	one-fifteenth.	one-eighth.	one-quarter.	one-half.	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	

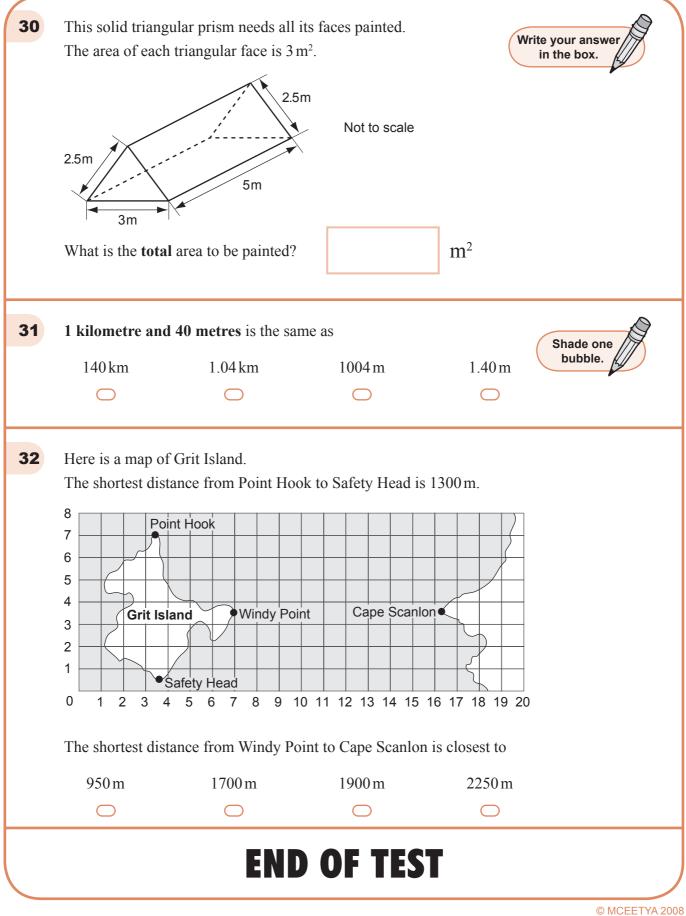
16	Here is a plan of Jin	re garden in the m			hade one bubble.
	$20m^2$	$32m^2$	$128m^2$	$144\mathrm{m}^2$	
	0	\bigcirc	0	\bigcirc	
17	Kim paid \$1.50 for of How many grams of	-	Ch	for \$6	
	0.25 g	25 g	150 g	250 g	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
18	How many hours and 11 hours and 11 hours and 12 hours and 12 hours and 12 hours and	1 minutes 19 minutes 11 minutes	ween 2:27 am and 2:16	5 pm on the same	day?
19	Which one of these	is a right-angled is	sosceles triangle?		
		70°	45°		Not to scale ∽

7

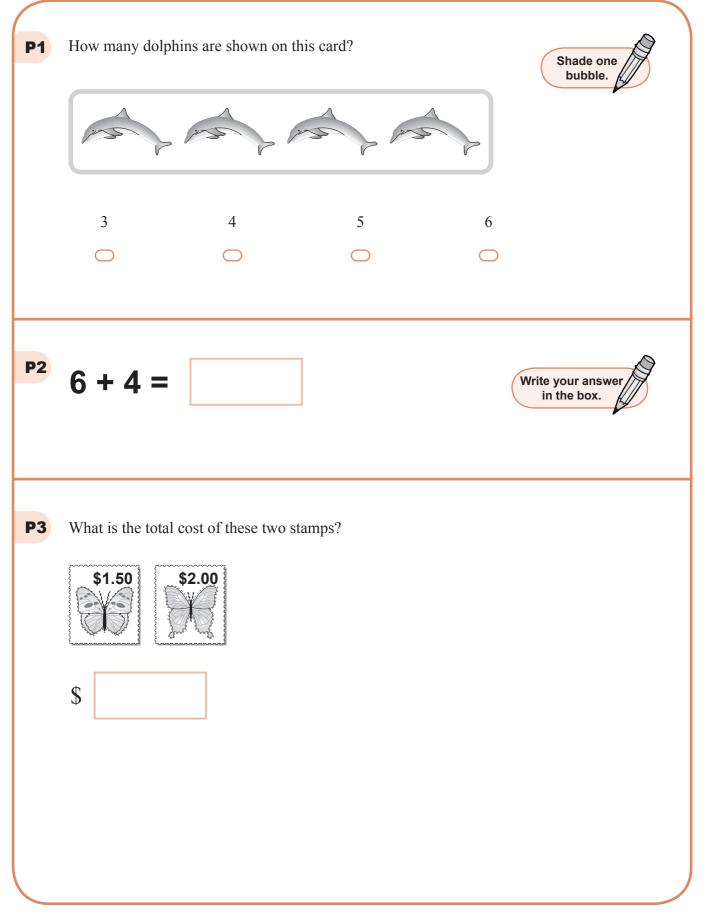
20	Miki turned these star 20c 20c 50c 50c 10c 10c 10c 10c 10c 10c 10c 1	5c 10c 5c 10c 5c 10c 10c 10c	50c	5c \$1.00	Shade one bubble.
	1 out of 4	1 out of 5	2 out of 5	4 out of 6	
21	A stack of cardboard Each sheet of cardboard How many sheets of	ard is 0.03 centime	tres thick.		Write the answer in the box.
22	This shape is made fr and one large equilate	_	ilateral triangles		Shade one bubble.
	Each side of all the si	mall triangles is 5 c	em long.		
	What is the perimeter	of the shape?			
	15 cm	45 cm	50 cm	85 cm	

23	Which object has exactly twice as	many edges as faces?
24	Hugo's electricity bill was \$180 l What percentage decrease is this?	st month. This month it is \$135.
	25% 33%	45% 55%
25	This is a map of mountains in a n Mt Burke Mt Helen Mt Flinders LOOKOUT Mt Bla LOOKOUT Mt Bla Mt Hope Mt Green Mt Green Mt Hope Mt Green Mt Green Mt Hope Mt	th. She turns 225° in a clockwise direction.
	Mt Helen Mt Blanc	Mt Flinders Mt Hope

26	x° 110° What is the value	130° e of x in this diagram	Not to scale		Shade one bubble.	B
	50	55	60	70		
	\bigcirc	\bigcirc	\bigcirc	\bigcirc		
27	She uses 100 litr	es of water every mir es of water when she of water does she sa f a bath? litres	e has a bath.	(N	/rite your answe in the box.	Ð
28	The ratio of girls	rls and boys at a cone to boys at the conce			Shade one bubble.	B
		are at the concert?				
	126	140	180	294		
	\bigcirc	\bigcirc	\bigcirc	\bigcirc		
29	Sally has 60 DV	Ds.		Type of DVD	Percentage	
	-	the percentage of ea	ch type of DVD.	Drama	45%	
			~ 1	Sport	25%	
				Comedy	20%	
	How many Com	edy DVDs does Sally	y have?	Cartoons	10%	
	3	12	15	20		
	\bigcirc	\bigcirc	\bigcirc	\bigcirc		



YEAR 7 NUMERACY PRACTICE QUESTIONS



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NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY

NUMERACY **NON-CALCULATOR**



YEAR 2008

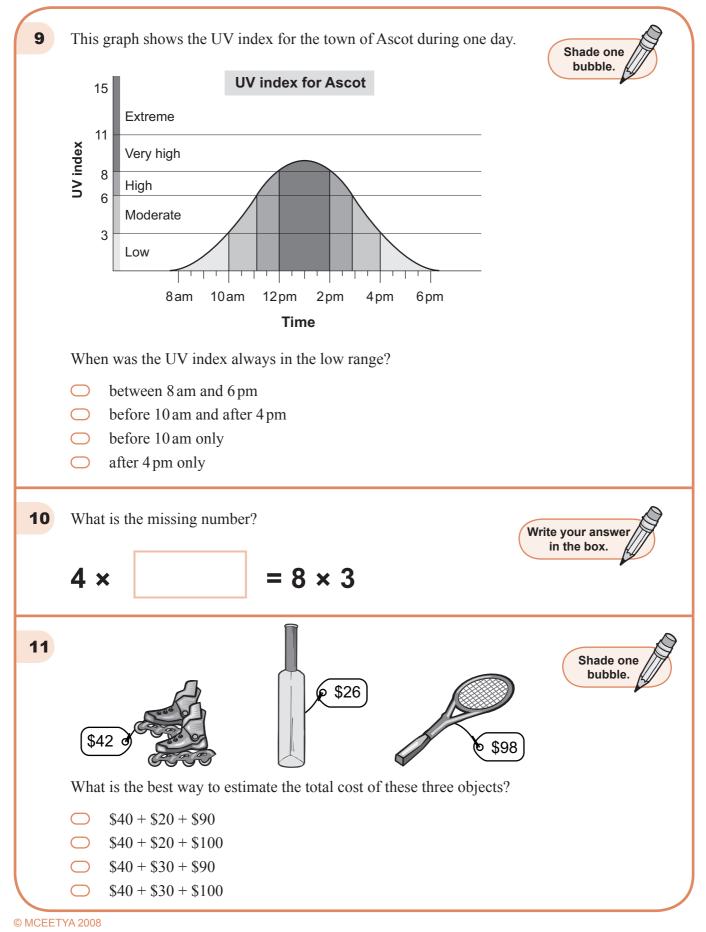
SESSION 1 Time available for students to complete

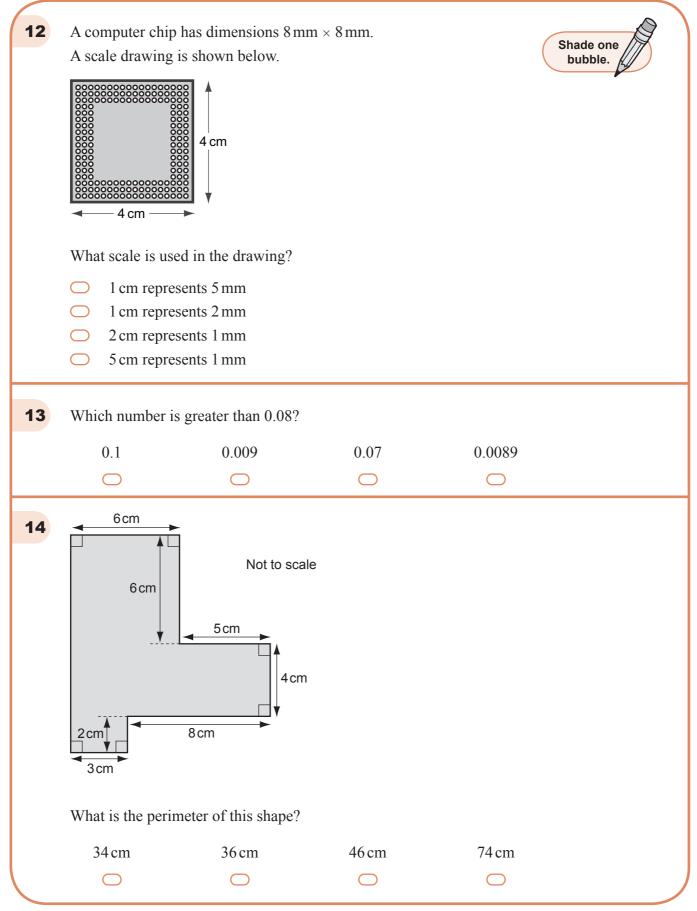
test: 40 minutes

pencil **only**

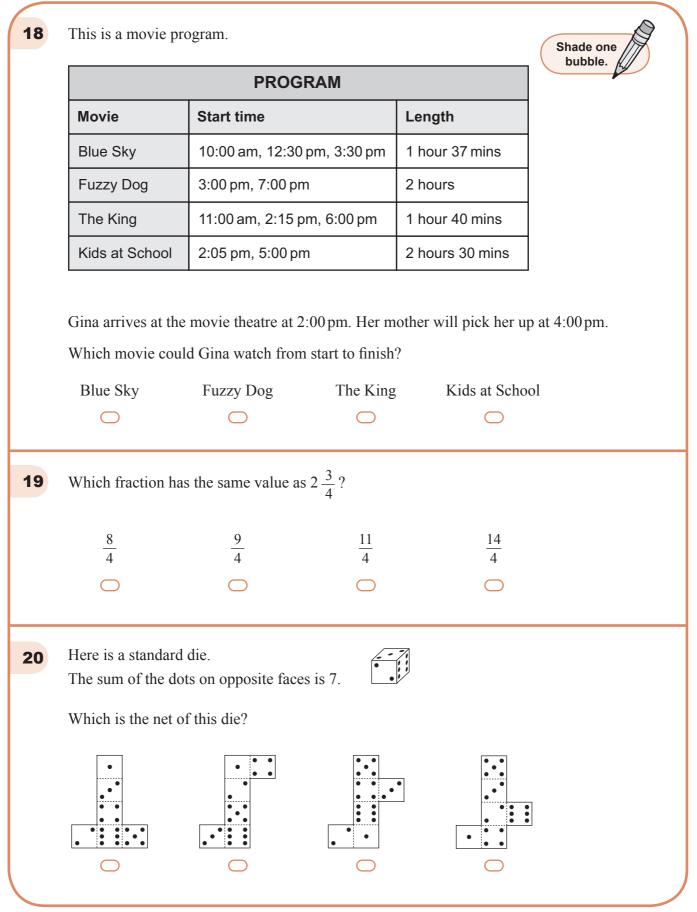
1	This map shows	the position of some	e of the buildings	in the town of Bendy.	
	⊖∙Water Tower ⊖∙Barr		N ↑		e one oble.
	≙• Gara	û • Windmill age û • Silo			
	Which building i	s West of the Windr	nill and North of	the Barn?	
	Silo	Café	Garage	Water Tower	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
2	14:30		hourse ou this dia:		
		e same as the time s			
	2:30 am	2:30 pm	4:30 am	4:30 pm	
3	Another way of w	writing 6^2 is			
	6×2	6×6	6+6	$2\times 2\times 2\times 2\times 2\times 2$	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
4	A square-based p	yramid and a cube	have been glued t	ogether.	
	How many faces	does the new objec	t have?		
	4	8	9	11	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	

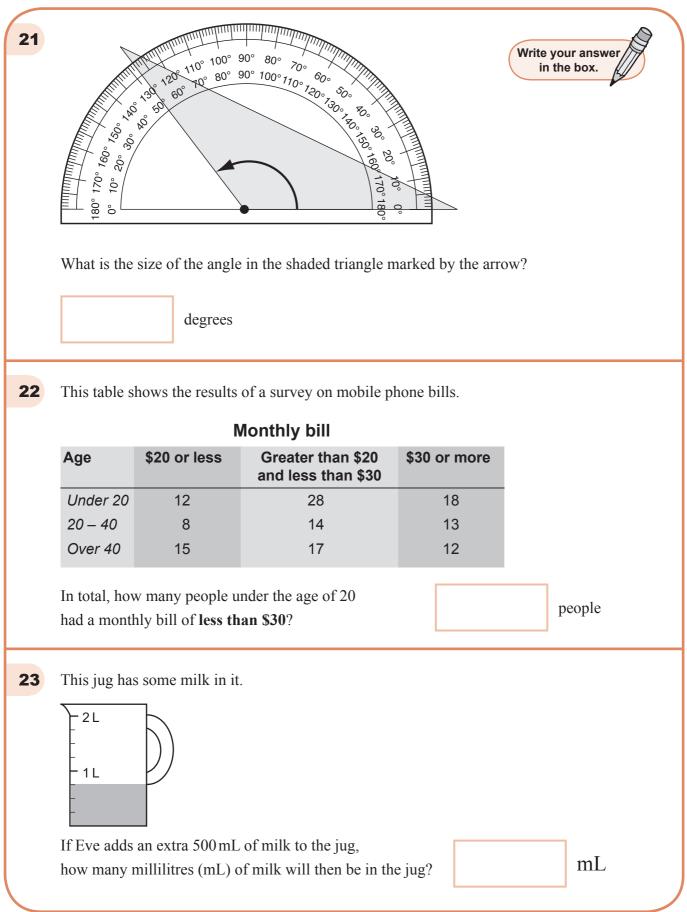
5				Shape 4	Shade one bubble.
	Shape Number of brick	1 2 3 s 1 4 9	4 5 16 ?		
	How many bricks	are needed for Shap	pe 5?		
	24	25	29	30	
	\bigcirc				
6	Which dotted line	is a line of symmet			
7	What is \$10 as a p	percentage of \$40?			
	4%	10%	25%	40%	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
8		out of his bucket w ut not certain, that h cket?		ball.	

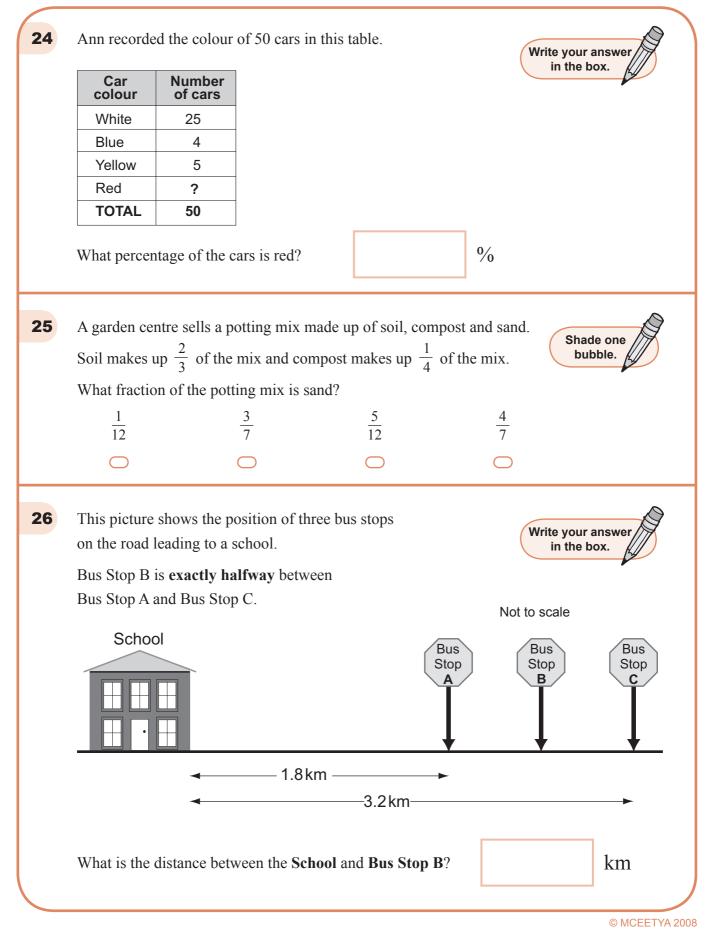




	Pancake rec				Shade one bubble.
	Makes 8 pano	akes			•
	Ingredients				
	1 cup flour				
	2 eggs				
	1 cup milk				
	$\frac{1}{2}$ cup sugar				
	20g butter				
	How many cups	of sugar are nee	ded for 40 pancakes	?	
	$2\frac{1}{2}$	4	5	20	
	\bigcirc	\bigcirc	\bigcirc	\bigcirc	
	1 in 10	nce of her picking 2 in 10	4 in 10	5 in 10	
		\bigcirc	\bigcirc	\bigcirc	
	Five students co This diagram sh	ows their results Belle	Eva David	► KEY → is taller than	
	This diagram sh	ows their results Belle Con Con	Eva		
~	This diagram sh	ows their results Belle Con Con	Eva David		Eva



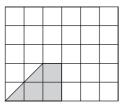




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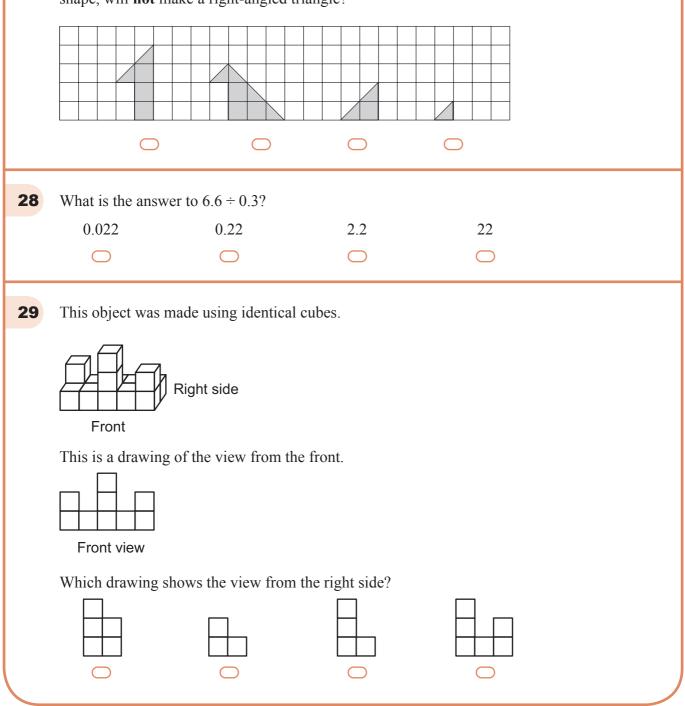
27

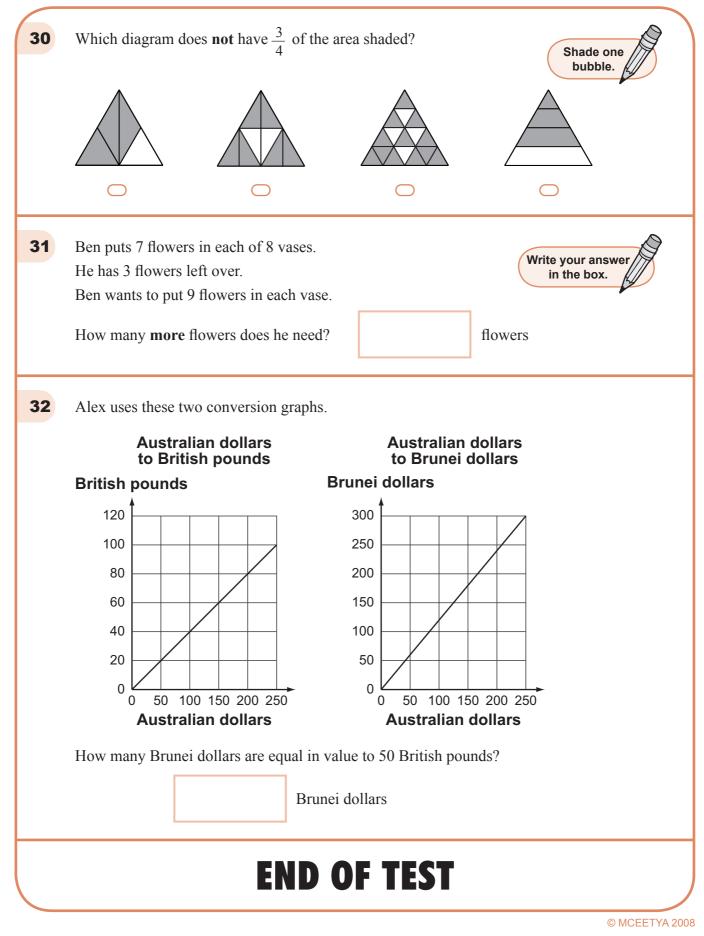
Tara drew this shape on square grid paper.



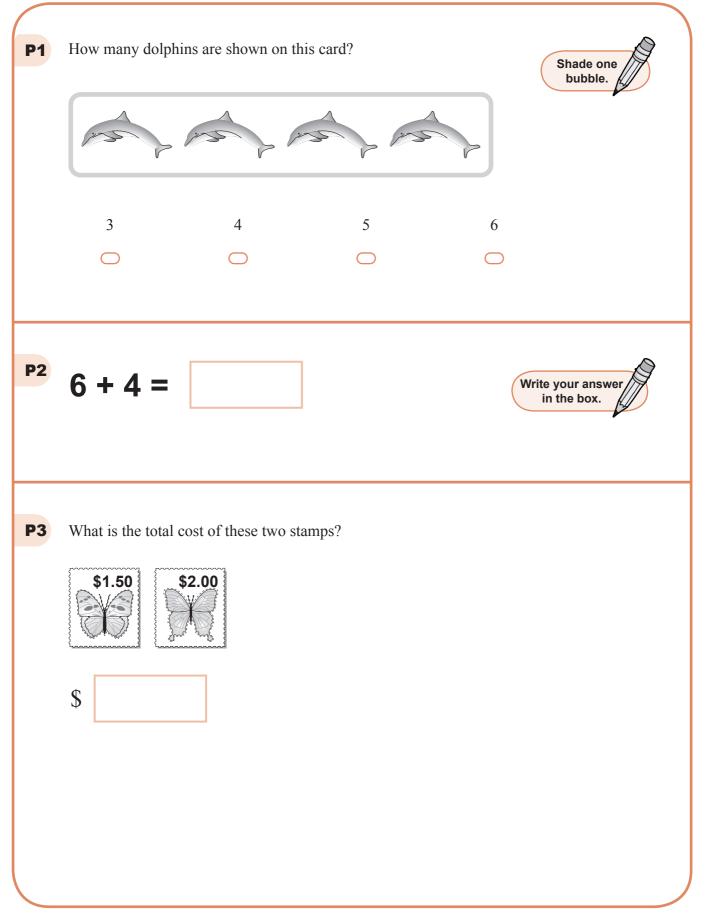
Which one of the shapes below, when joined (with no overlap) with Tara's shape, will **not** make a right-angled triangle?

Shade one bubble.





YEAR 7 NUMERACY PRACTICE QUESTIONS



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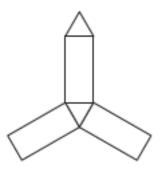
NAPLAN Numeracy (with calculator) Year 7 2008 Quick Answers

- **1.** 40
- **2.** 4076
- 3.

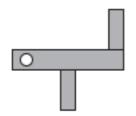


- **4.** 52 minutes
- 5. $2\frac{1}{2}$

6.

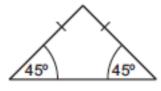


- **7.** B1
- 8. 180 m
- **9.** 3
- **10.** B and D
- **11.** 20 litres
- 12.



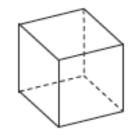
- **13.** 180 cm
- **14.** 150 cm
- 15. one-half.
- **16.** 128 m²

17. 250 g18. 11 hours and 49 minutes19.



- **20.** 2 out of 5
- **21.** 380
- **22.** 50 cm

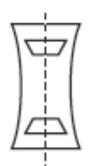
23.



- **24.** 25%
- 25. Mt Helen
- **26.** 60
- **27.** 47.5 litres
- **28.** 126
- **29.** 12
- **30.** 46 m²
- **31.** 1.04 km
- **32.** 1900 m

NAPLAN Numeracy (non calculator) Year 7 2008 Quick Answers

- 1. Water Tower
- **2.** 2:30 pm
- **3.** 6 × 6
- **4.** 9
- **5.** 25
- 6.

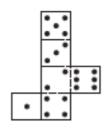


- 7. 25%
- 8.



- 9. before 10 am and after 4 pm
- **10.** 6
- **11.** \$40 + \$30 + \$100
- **12.** 1 cm represents 2 mm
- **13.** 0.1
- **14.** 46 cm
- 15. $2\frac{1}{2}$
- **16.** 2 in 10
- 17. Anna
- 18. The King
- **19.** $\frac{11}{4}$

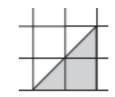
20.



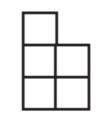
- **21.** 128 degrees
- **22.** 40 people
- **23.** 1250 mL
- **24.** 32%

25.
$$\frac{1}{12}$$

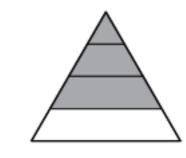
- **26.** 2.5 km
- 27.







30.



- **31.** 13 flowers
- 32. 150 Brunei dollars