

NUMERACY CALCULATOR ALLOWED







SESSION 1

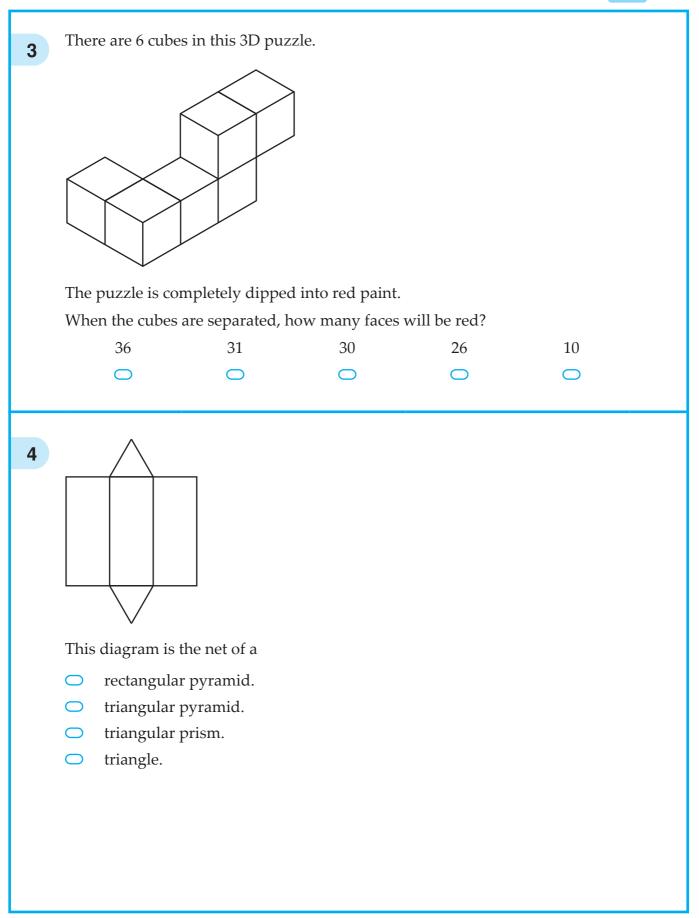
Time available for students to complete test: 40 minutes

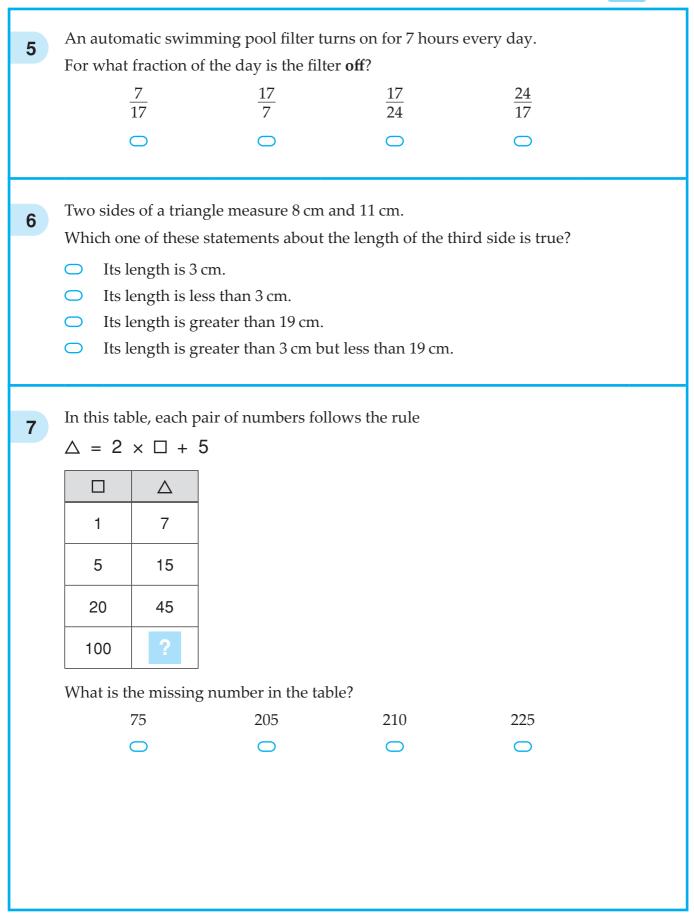
Use 2B or HB pencil only

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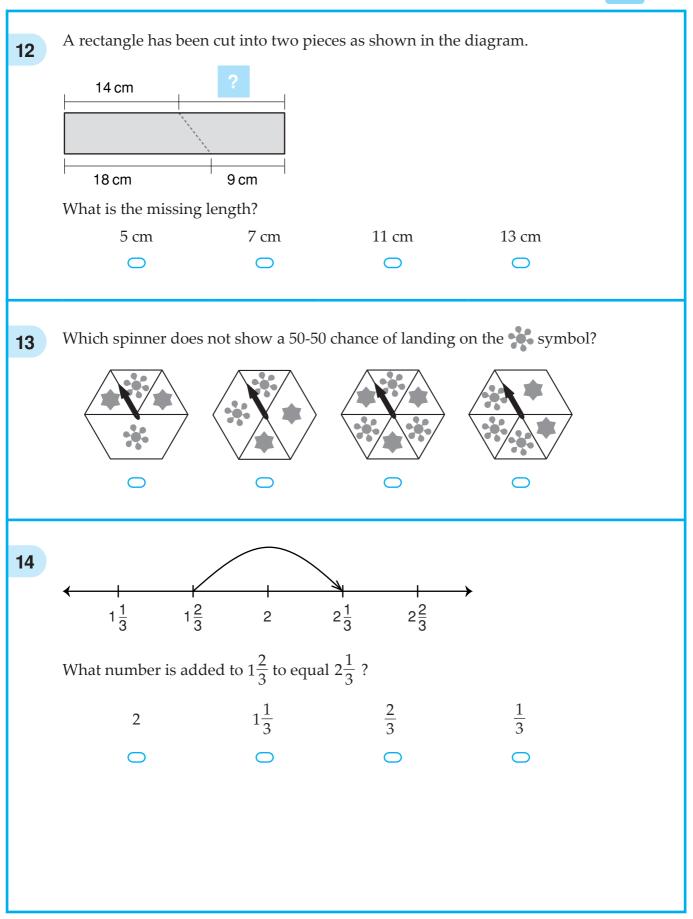


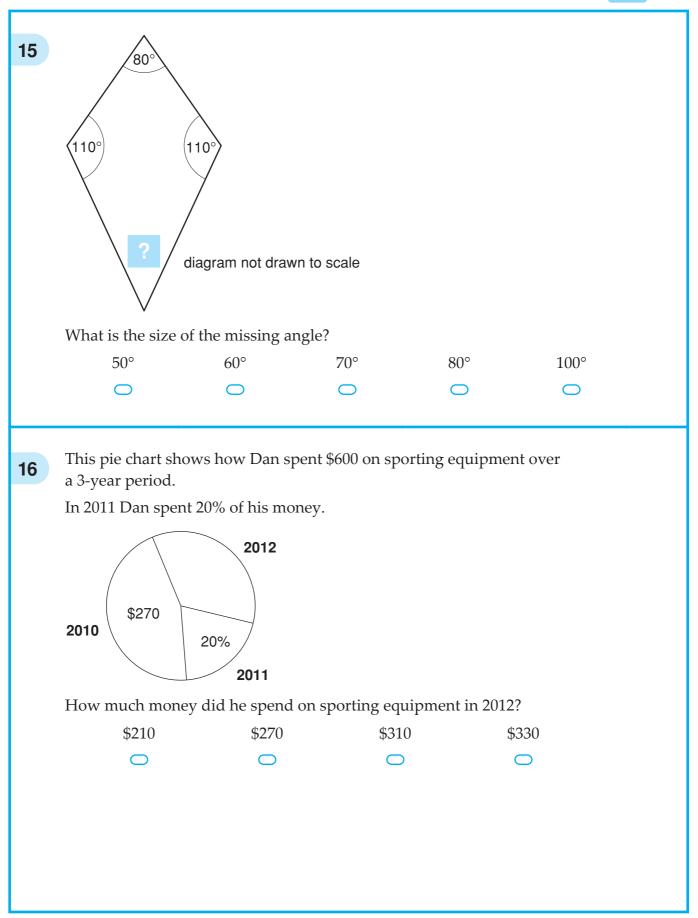
State	Population in June 2011	
New South Wales	7 303 700	
Victoria	5 624 100	
How many more p 1 679 600 1 789 600 2 321 600 2 679 600	people lived in New South Wales that	n in Victoria in June 201
	awn through each of the four letters s is a line of symmetry?	shown below.
	\$	S
	0	0
	V	V
	0	0

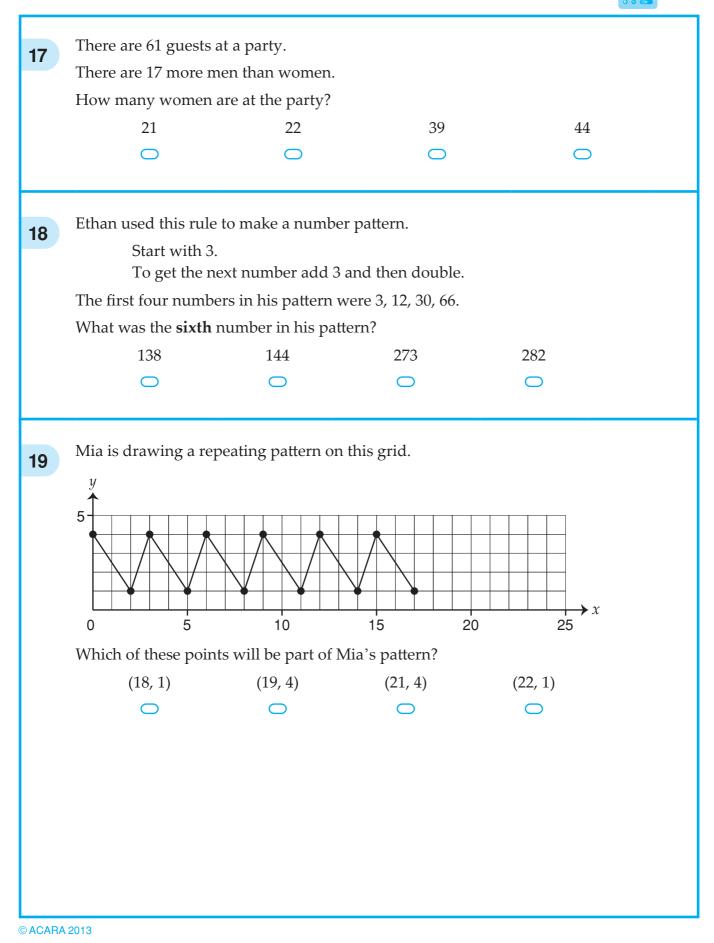




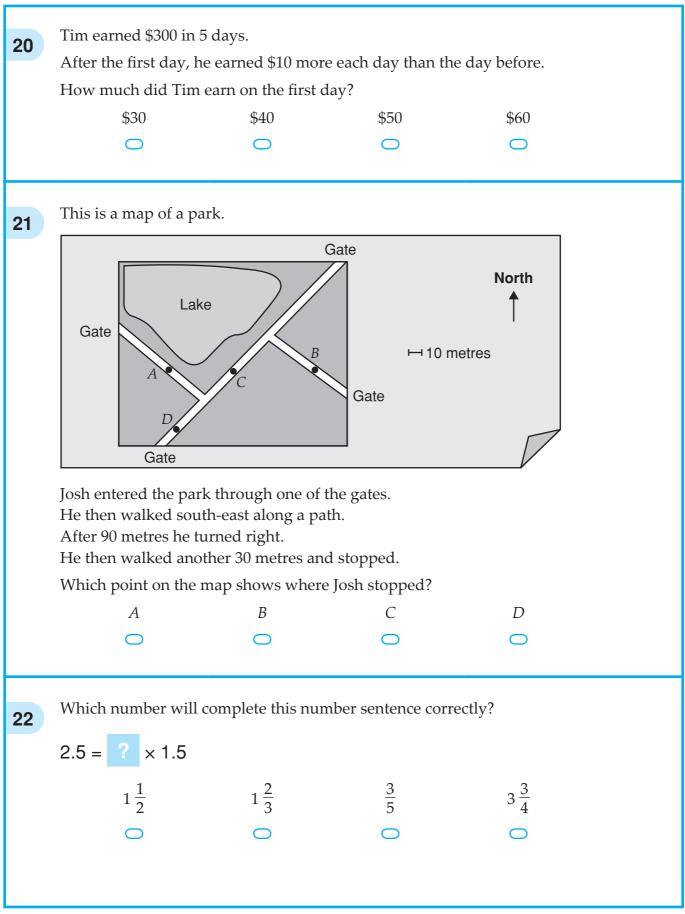
8	The shaded area or has loaded.	n this graph sho	ws how much of	a computer fil	e		
	What percentage o	f the file has loa	ded?				
	55%	60%	65%	709	%		
	0	0	0	C)		
9	What is the value of 16^2 ?						
	4	18	32	216	256		
	\bigcirc	0	0	0	0		
10	The number 0.15 is	;					
	◯ between 0.01	and 0.1					
	between 0.1 a	ind 1					
	between 1 an	d 2					
	○ between 10 ar	nd 20					
11	The siren sounded The umpire was 20						
	If the sound travel the sound take to g	led at 343 metres	s per second, ho	w many second	ls did		
	0.583	1.715	2.383	19.0	56		
	\bigcirc	\bigcirc	\bigcirc	C)		







8





This table shows how the mass of barley is related to its volume.

Volume (cubic metres)	Mass (tonnes)
50	30
100	60
150	90
200	120

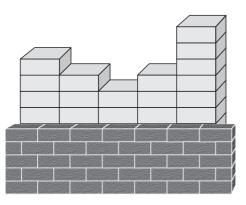
A silo contains 105 cubic metres of barley.

How many tonnes of barley are in the silo?

63 tonnes	65 tonnes	165 tonnes	175 tonnes
0	0	\bigcirc	0

24

Five stacks of boxes were placed on level ground behind a brick wall.



There is a total of 33 boxes.

How many boxes are in the tallest stack?



25	The mass of a 10-c Harry has 169.5 gr Jade has 141.25 gr How much more a	ent coin is about 11.3 grams. ent coin is about 5.65 grams. rams of 20-cent coins. ams of 10-cent coins. are Harry's coins worth than Ja ents	de's coins?	
26	How many minut	rd drive of Stella's computer m es will it take for the disk to ma ninutes	akes 90 full turns every second. ake 135 000 full turns?	
27		ttendance at a concert over fou	r nights.	
	Night	Number of people		
	Wednesday	310	_	
	Thursday	390	_	
	Friday	380	_	
	Saturday	420		
	The cost of each tie What was the mea \$	cket was \$20. n amount of money collected f	rom ticket sales per night?	
	Alox sport 85% of	his monoy on a surfboard		
28	Alex spent 85% of his money on a surfboard. The surfboard cost \$340.			
	How much money	v did Alex have left after he bou	ight the surfboard?	
	\$			

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(1 I			foot- bridge			
			◆ ? →			
road	7 m				_	
This scale	diagram sh	nows a foot	bridge cros	ssing over a	ı road.	
The width	of the road	l is 7 metre	es.			
What is th	e width of	the footbrid	dge?			
	met	res				
		100				
Size	y washing	2 kg	4 kg	5 kg		
Price	\$6.90	\$13.70	\$26.40	\$34.00		
What is the	e lowest pr	ice Liz can	pay for 10	kg of wash	ing powde	er?
		• • • •	int a wall			
Nina used	2 litres of j	paint to pai	init a wan.			
	2 litres of ا vas a rectar			l 4 metres v	vide.	
The wall w How man	vas a rectar y litres of p	igle 2 metro aint would	es high and l she need t			wall which
The wall w How man	vas a rectar	igle 2 metro aint would	es high and l she need t			wall which
The wall w How man	vas a rectar y litres of p	igle 2 metro aint would metres wi	es high and l she need t			wall which



32 A square has an area of 121 square centimetres.

What is its perimeter?

centimetres

STOP – END OF TEST

Do not turn this page.