

NATIONAL ASSESSMENT PROGRAM LITERACY AND NUMERACY

# NUMERACY NON-CALCULATOR



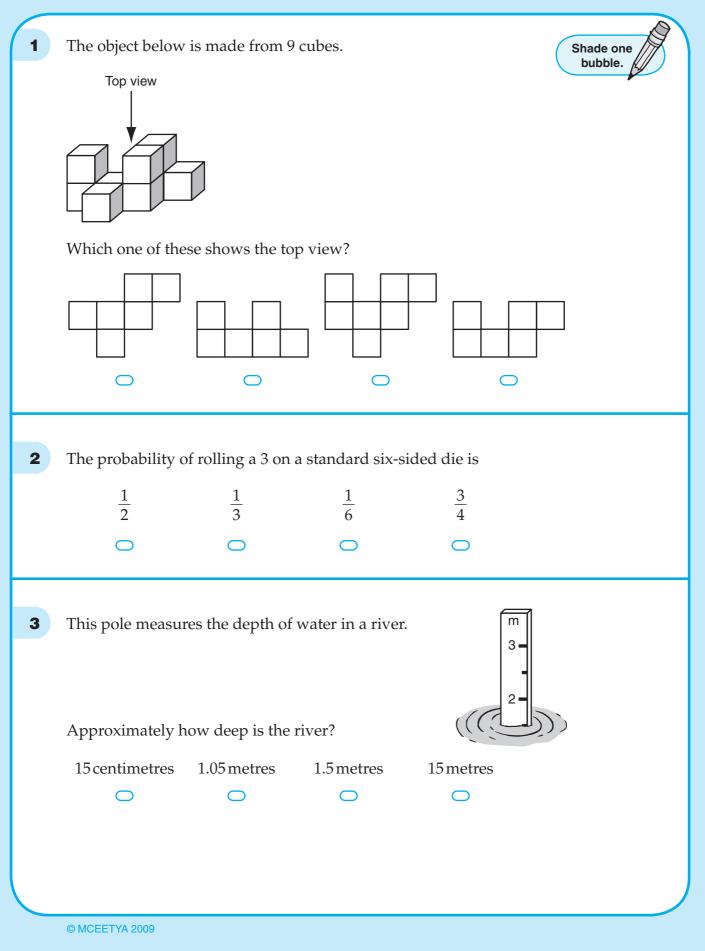


0:40

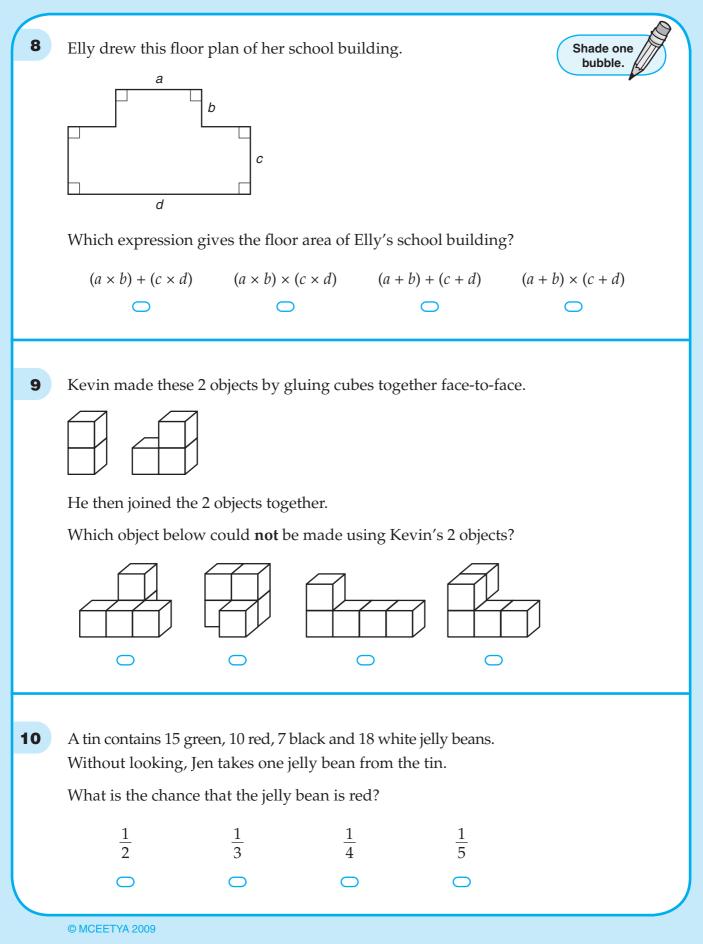
SESSION 2 Time available for students to complete test: 40 minutes

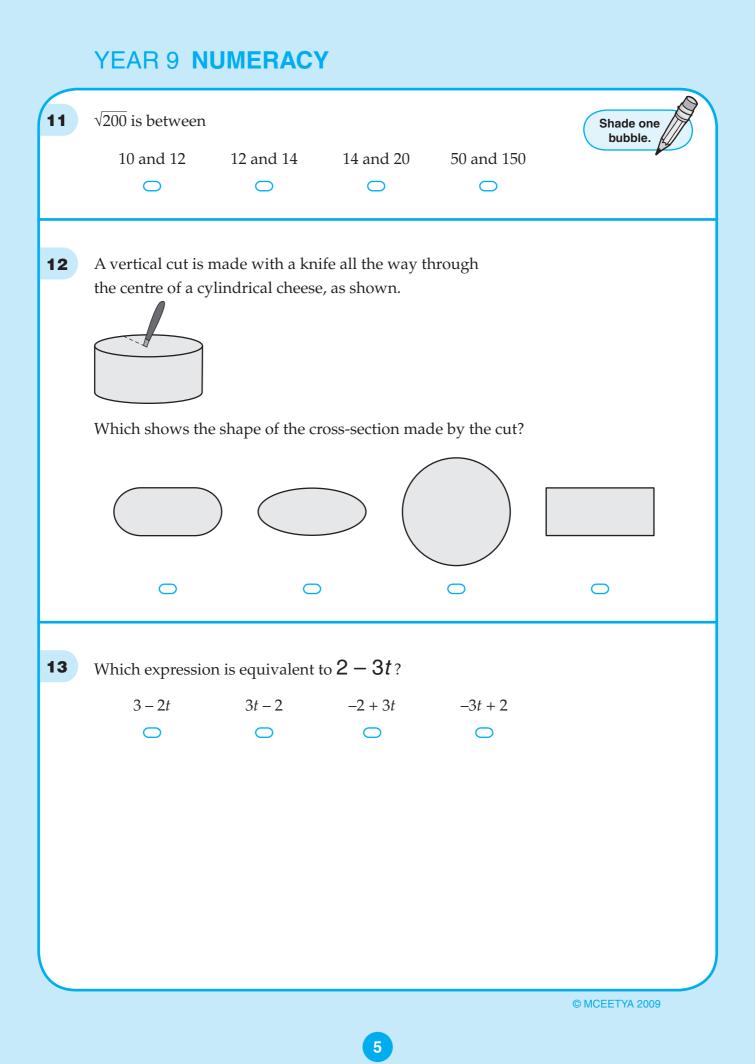
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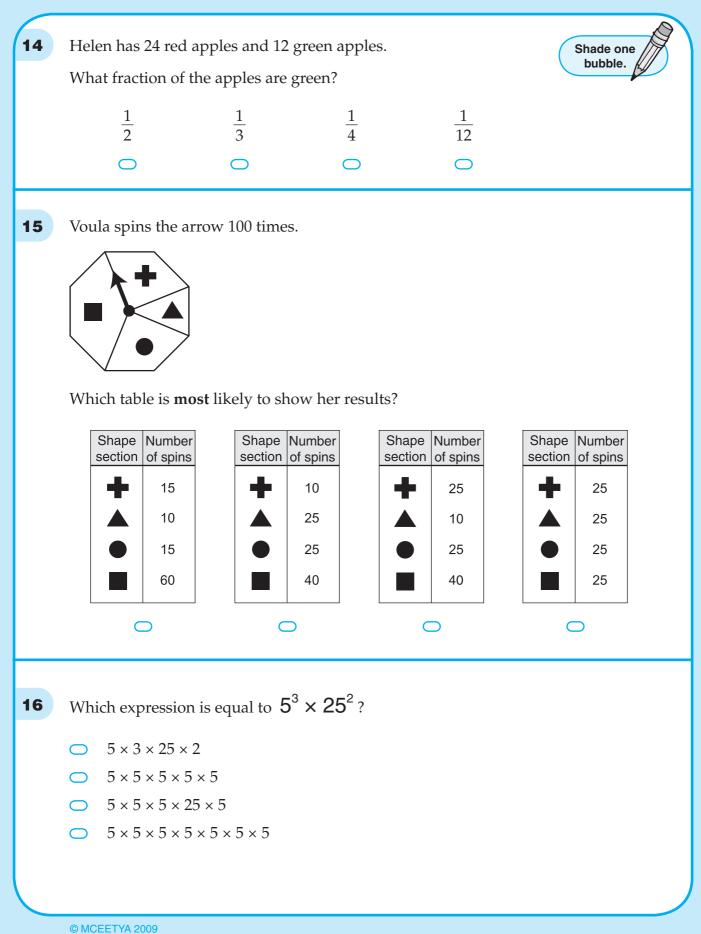
Use 2B or HB pencil only

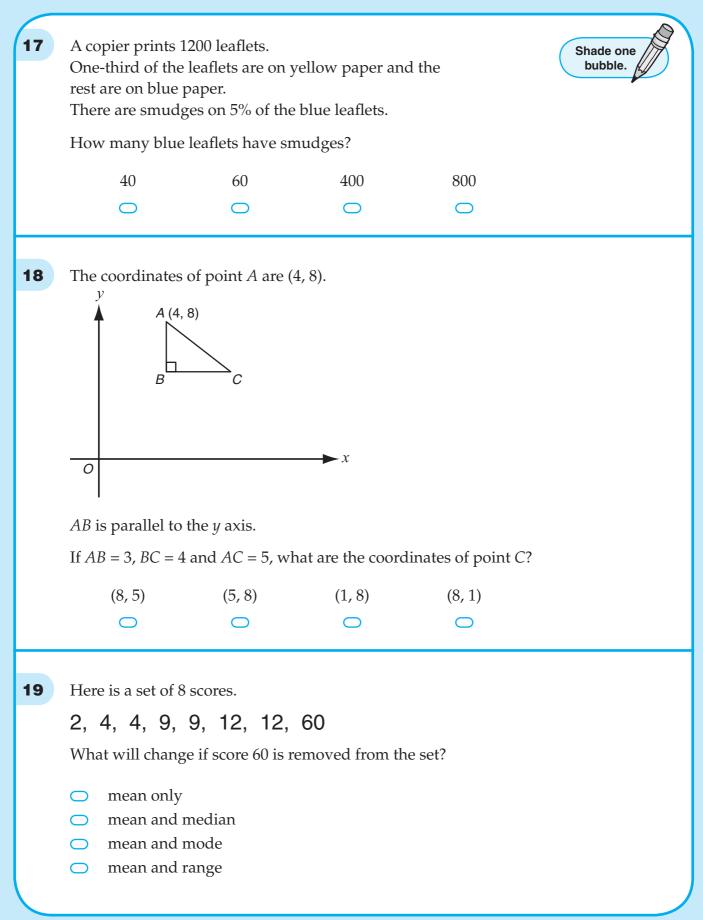


4	Steven cuts his birthday cake into 8 equal slices. He eats 25% of the cake in whole slices. How many slices of cake are left?	Write your answer in the box.
5	A number is multiplied by itself and then 9 is added. The answer is 13. What is the number?	
6	The area of this shaded rectangle is 98 cm <sup>2</sup> . 7 cm (not to scale) ? What is the length of the shaded rectangle? mu	
7	Which is the best estimate for $16 \times 34 + 68 - 91$ ? 10 × 30 + 60 - 90 10 × 30 + 70 - 90 20 × 30 + 70 - 90 20 × 40 + 70 - 100	Shade one bubble.
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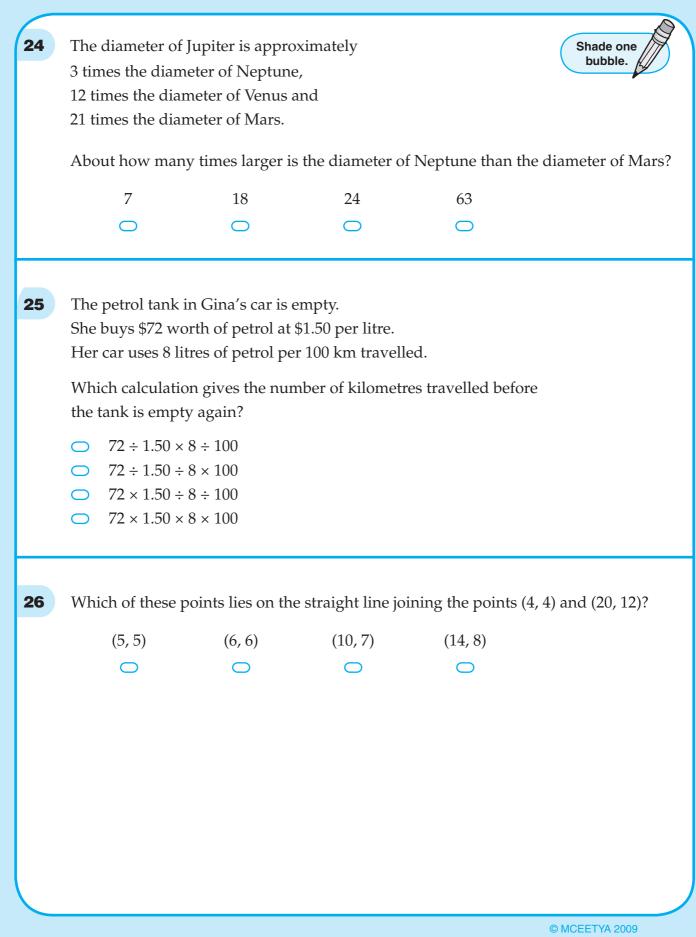




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20	Two numbers added together equal 1.         The two numbers multiplied together equal –30.         Write your answers in the boxes.         What are the two numbers?         and
21	The area of the rectangle in this diagram below is $10 \text{ cm}^2$ . Write your answer in the box. Write your answer in the box. Write your answer in the box. C C C C C C C C C C C C C
22	When $m = 2$ and $n = -2$ , what is the value of $m^2 + n^2$ ? $m^2 + n^2 =$
23	ABCD is a rectangle.         A line is drawn through the point where the two diagonals intersect.         Two triangles are then shaded. $A = A = A = A = A = A = A = A = A = A =$

8



27	A ticket costs \$7 A fee of 10% is a		ce.		Shade one bubble.
	Which calculation				
	75 + 10	75 + 0.1	75 × 0.1	75 × 1.1	
28	A coin is tossed What is the prol		_	tcomes. lead in any order	Write your answer in the box.
29	The entire top of like this one.				

30	2(2x - 3) + 2 + What term make	Write your answer in the box.			
31	Which number	Shade one			
	$\frac{1}{6}$	$\sqrt{0.04}$	0.18	$(0.4)^2$	bubble.
	0	0	0	0	
		E	ND OF TE	ST	
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