



# **MATHEMATICS TEST 1**

### **STUDENT DETAILS**

## **TEST INSTRUCTIONS**

- 1. You must do your own work.
- 2. Do not speak to other students during the test.
- 3. Raise your hand if you need to speak to the teacher.
- 4. Follow all directions given to you by the teacher.
- 5. All questions must be answered using the pencil you have been given. If you need to change an answer, carefully erase it and write another answer.
- 6. You are not permitted to use a calculator.
- 7. To confirm you have the correct booklet, print your name below.

Print your name here:

#### YOU HAVE 45 MINUTES TO COMPLETE THIS TEST.

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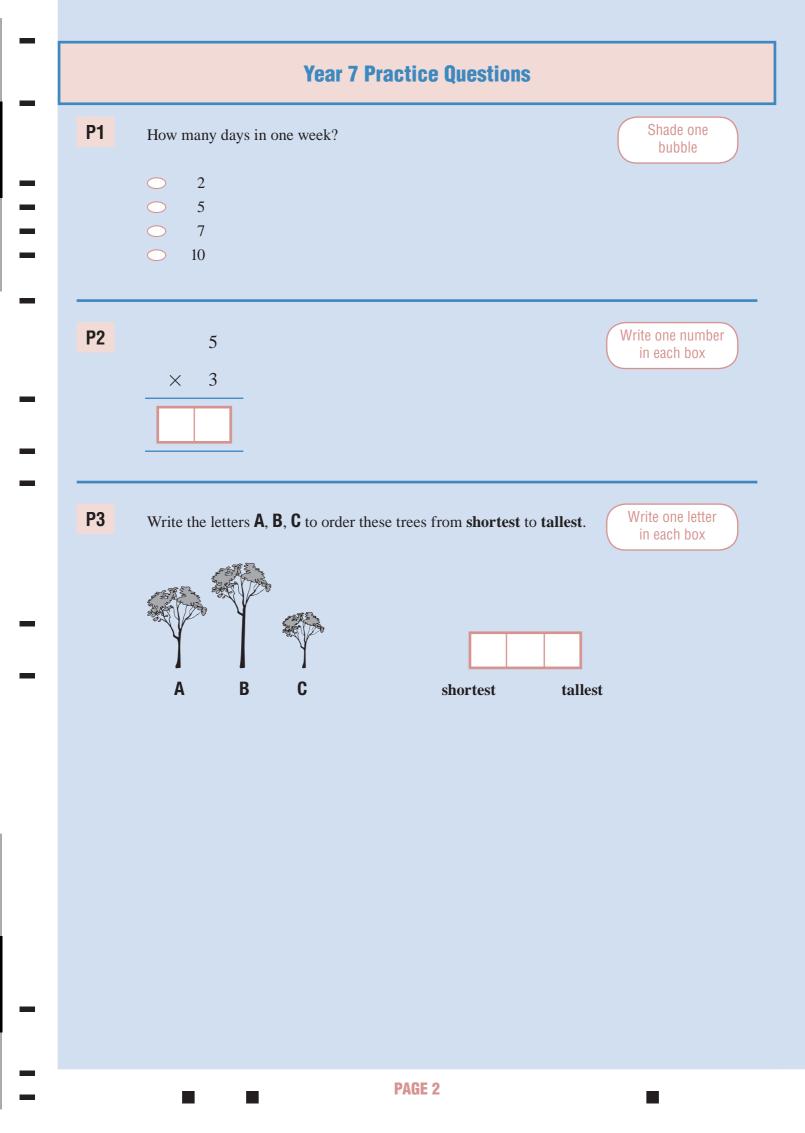


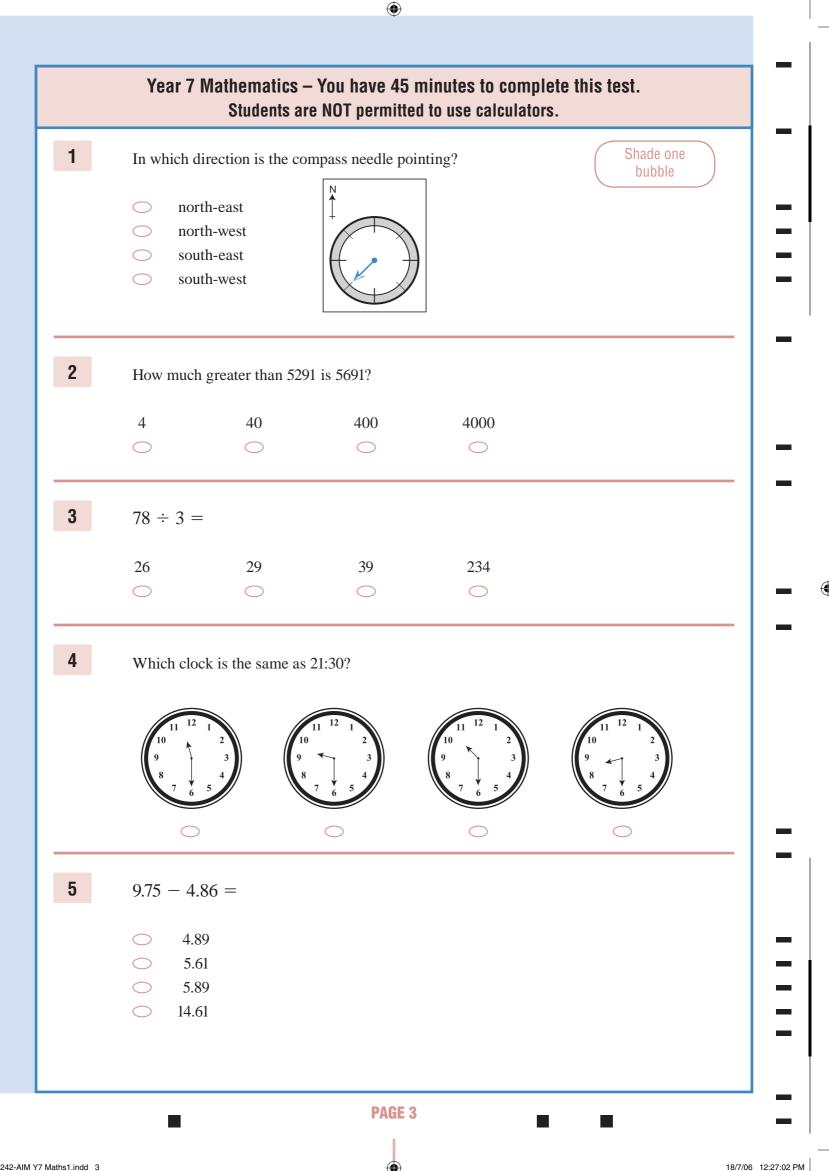
ear

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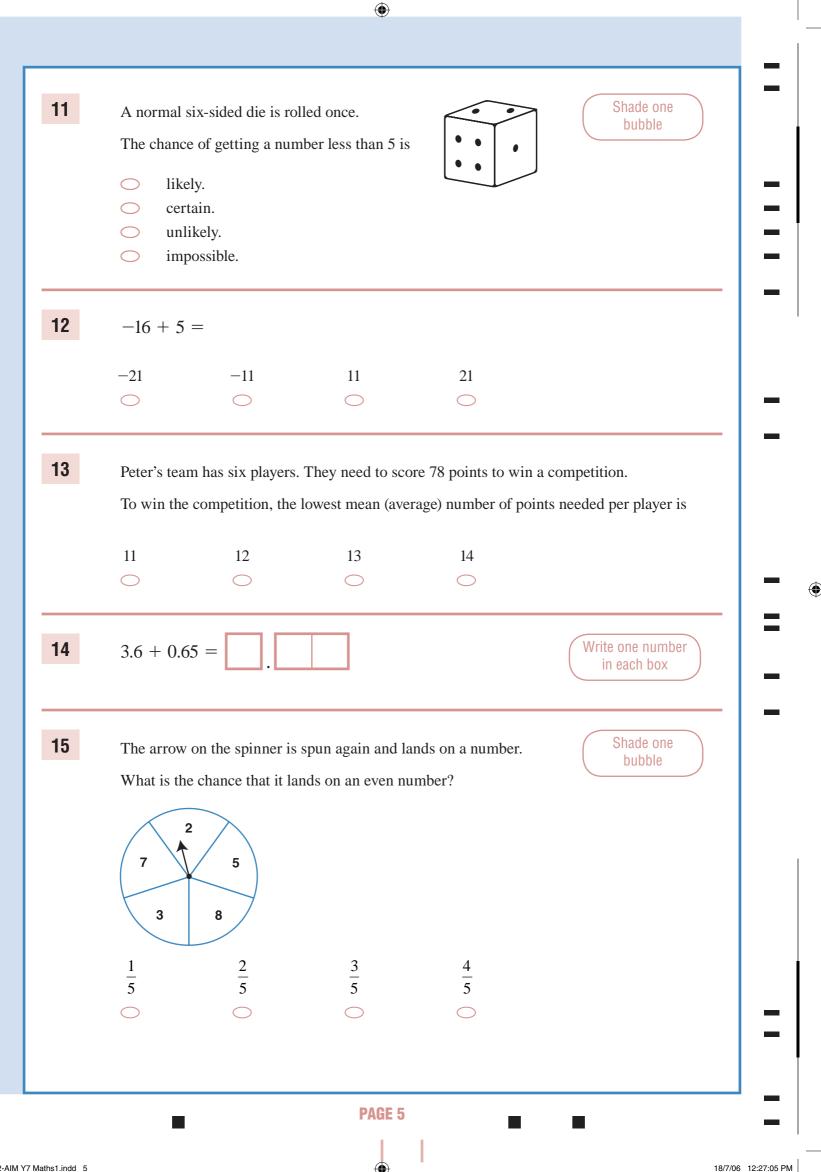
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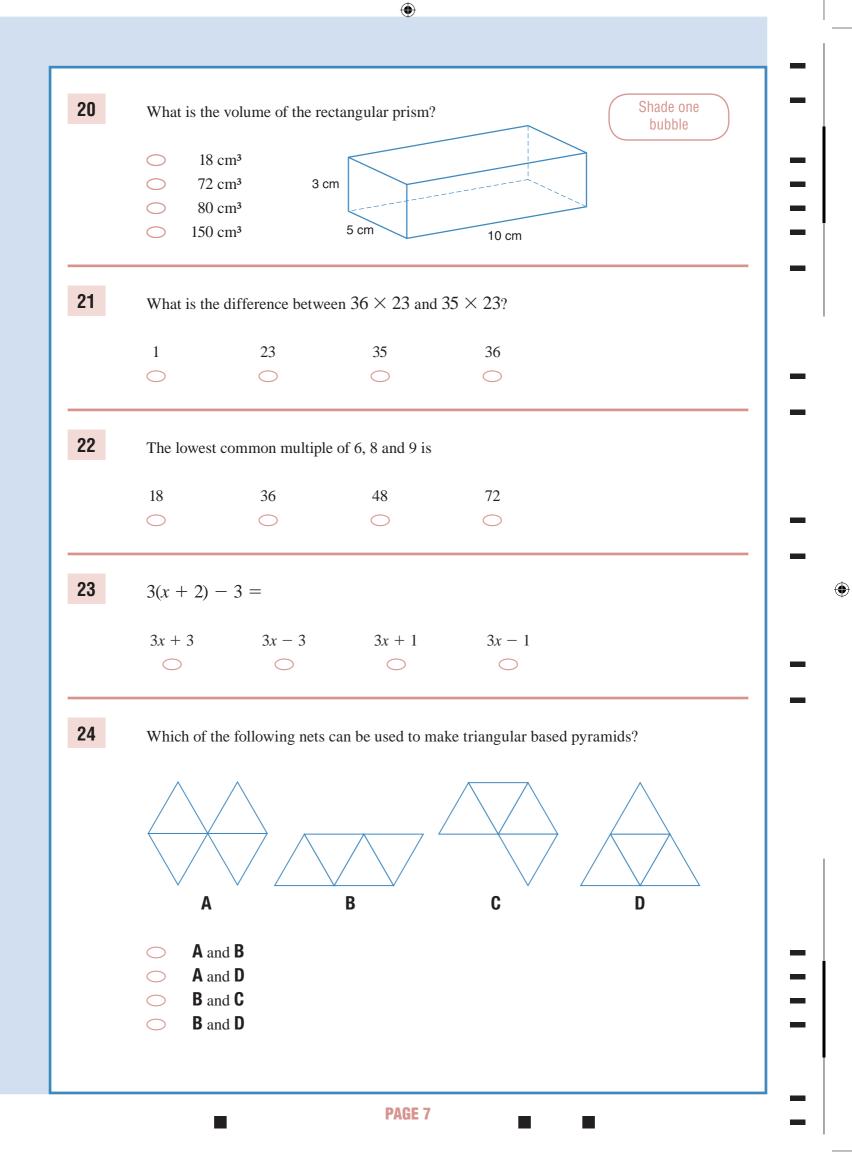


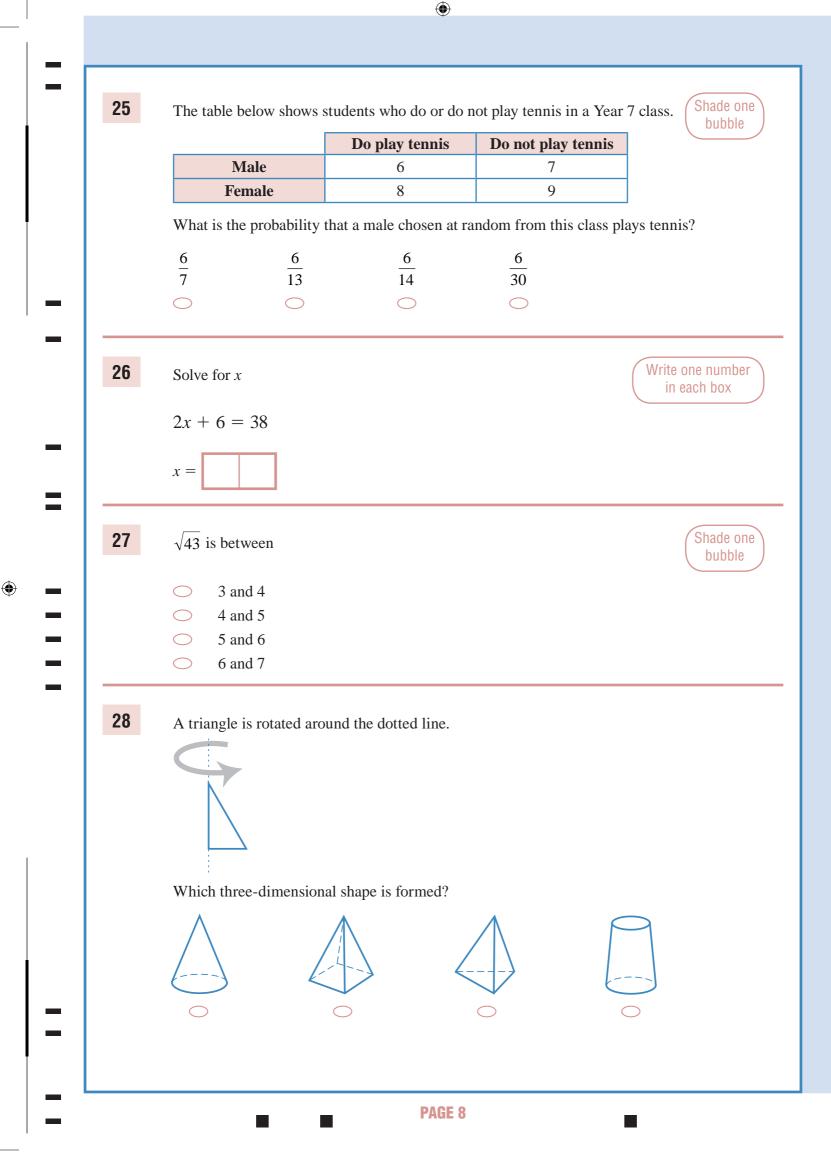
6 *	Baseball Netba 4 5 From the Venn diagram abo	12	ople play baseball o	Shade one bubble
	4 5 O	9	12	
7	225% is equal to $2\frac{1}{5}$ $2\frac{1}{4}$	$2\frac{1}{2}$	$2\frac{3}{4}$	
8	1 9 2 2 6 6			Write one number in each box
9	<ul> <li>A rectangle has an area of 2</li> <li>Its dimensions could be</li> <li>3 cm by 9 cm.</li> <li>6 cm by 4 cm.</li> <li>8 cm by 8 cm.</li> <li>22 cm by 2 cm.</li> </ul>	24 cm².		Shade one bubble
10	Which letter does <b>not</b> have	a line of symmetry	y? M	

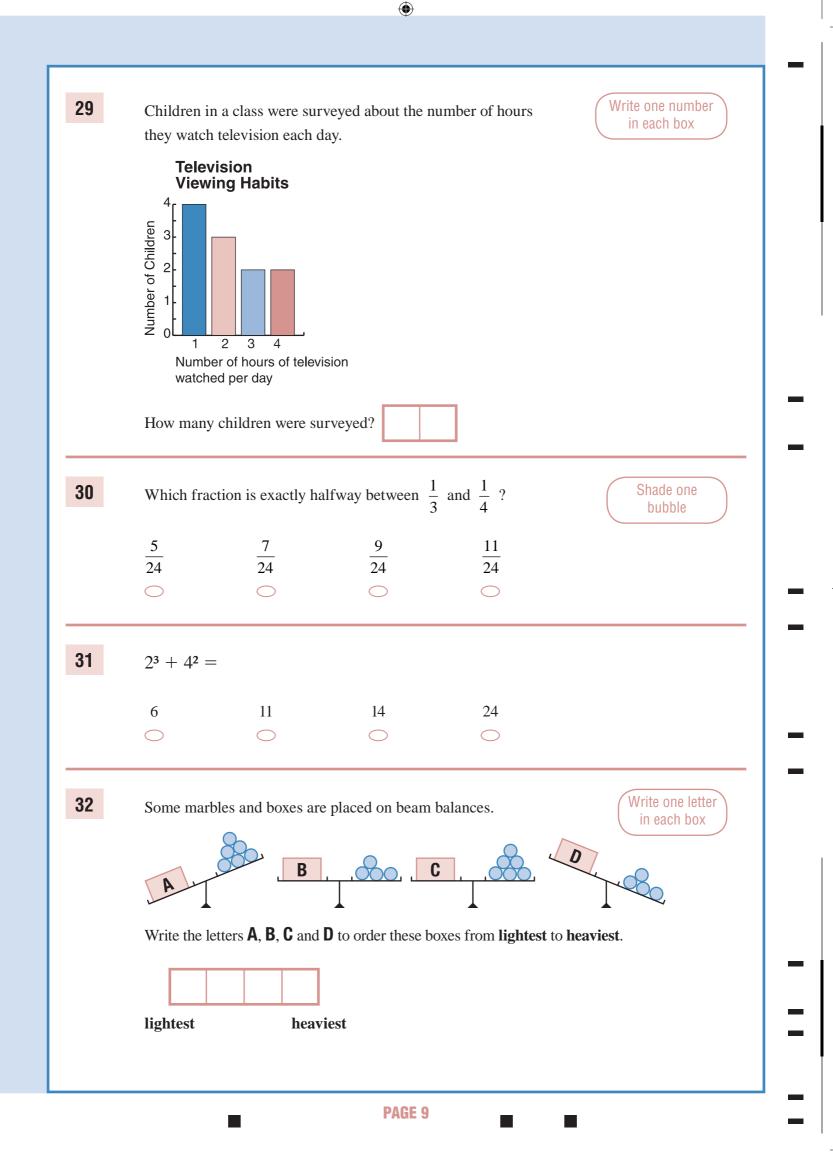
\* This question did not appear correctly in the printed test paper. **PAGE 4** The corrected version is provided here.



40	E D C B A
16	Angle A is equal to angle $B$ $C$ $D$ $O$ $O$
17	Angles <i>B</i> and <i>E</i> are
	<ul> <li>alternate angles.</li> <li>corresponding angles.</li> <li>complementary angles.</li> <li>vertically opposite angles.</li> </ul>
18	Water flows from a tap at a constant rate of 0.25 litres per second. How many seconds will it take to fill an 8 litre bucket?
	2 seconds
	8 seconds
	<ul> <li>16 seconds</li> <li>32 seconds</li> </ul>
19	What is the area of the parallelogram? Scale
	$= 1 \text{ cm}^2$
	$\bigcirc$ 10 cm <sup>2</sup>
	15 cm <sup>2</sup>
	$\begin{array}{c c} & 18 \text{ cm}^2 \\ \hline & 20 \text{ cm}^2 \end{array}$







	A set of data is presented in the following stemplot. Shade one bubble
	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	The median of the data is
	34     40     61     74       O     O     O     O
34	x01234 $y$ -214710
	$y = x - 2 \qquad y = 2x - 1 \qquad y = 2x + 1 \qquad y = 3x - 2$
35	4, <b>?</b> , <b>?</b> , 25, 36, 49, The missing numbers in this pattern are
	<ul> <li>8, 5</li> <li>8, 16</li> <li>9, 15</li> <li>9, 16</li> </ul>
36	Write the letters <b>A</b> , <b>B</b> , <b>C</b> and <b>D</b> to order the following values from smallest to largest.
	$\frac{5}{6}$ 40% 0.3 $\frac{7}{8}$
	A B C D
SI	allest largest

