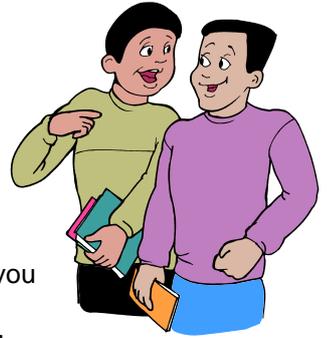




Conquesta 2008

(International Multiple Choice School Olympiads – Est. 1998)
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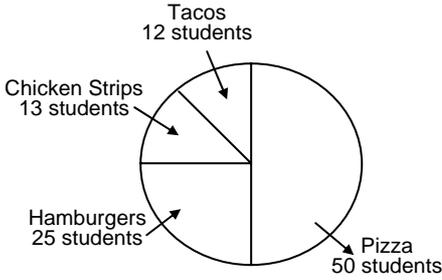
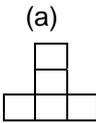
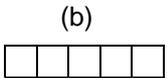
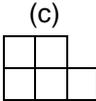
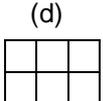


Mathematics 2 – Year 5

Welcome to your Conquesta Olympiad. As you read and answer the questions, we hope that you enjoy and learn from the information. Once you have read the information and the questions carefully, you have to make a choice. When you have decided which of the answers is correct, completely fill in the matching square on your answer sheet using a 2B or a B pencil. For example, if the answer to question 4 is c, then neatly fill in the square containing c next to the number 4. See example below. Fill in only one square per question and make sure you completely rub out any mistakes so that the answer is clear.

Example:-

4.	a	b	c	d
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<p>1. Which is the best estimate of the capacity of a coffee cup?</p> <p>(a) 250 litres (b) 250 kilolitres (c) 250 millilitres (d) 250 cups</p>	<p>2. There were 3 126 people at the Spring Fair on Sunday and 3 759 people on Saturday.</p> <p>Which is the best estimate of the total number of people at the Spring Fair on both days?</p> <p>(a) 1 000 (b) 6 000 (c) 7 000 (d) 8 000</p>	<p>3. A set of decimals is shown below.</p> <p>0.044 0.404 0.44 0.04</p> <p>Which decimal has the greatest value?</p> <p>(a) 0.044 (b) 0.404 (c) 0.44 (d) 0.04</p>
<p>4. Which statement is TRUE, based on the pie graph on the right.</p> <p>(a) Chicken strips and hamburgers combined were chosen the same number of times as pizza. (b) Chicken strips were chosen the least number of times. (c) Hamburgers were chosen the greatest number of times. (d) Pizza was chosen the greatest number of times.</p>		<p style="text-align: center;">Favourite Hot Lunch</p>  <p style="font-size: small;">Tacos 12 students Chicken Strips 13 students Hamburgers 25 students Pizza 50 students</p>
<p>5. Which of the following numbers has a 3 in the thousand's place?</p> <p>(a) 2 341.03 (b) 4 231.323 (c) 3 415.03 (d) 4 113.0</p>	<p>6. I am a number. When you switch my ten thousand digit with my hundred digit I become 804 963. What number am I?</p> <p>(a) 849 063 (b) 894 063 (c) 809 463 (d) 840 963</p>	<p>7. What number belongs at ...?... to make this number sentence true?</p> <p>4 056 – ...?... = 2 417</p> <p>(a) 1 749 (b) 6 473 (c) 2 441 (d) 1 639</p>
<p>8. Which shape CAN be folded to form an OPEN box?</p> <p>(a)  (b) </p> <p>(c)  (d) </p>	<p>9. In the first year of production a play sells 1 572 tickets, in its second year it sells 1 753 tickets, in its third year it sells 152 less than in its second year. How many tickets are sold in 3 years?</p> <p>(a) 4 296 (b) 1 601 (c) 4 926 (d) 5 078</p>	<p>10. I am a number.</p> <p>I am the least common multiple of 3, 5 and 8.</p> <p>What number am I?</p> <p>(a) 16 (b) 120 (c) 40 (d) 240</p>
<p>11. The weight limit for a lift is 2 000 kg. Which statement is absolutely correct?</p> <p>(a) The lift can carry more than 20 adults. (b) The lift can carry more than 20 crates that weigh 100 kg each. (c) The lift can carry up to 8 people who each weigh as much as 250 kg. (d) The lift can carry twice as many children as adults.</p>	<p>12. Tori divided 1 001 by 10 and got an answer of 100 with a remainder of 1. Her mother asked her to explain her work. Which statement best explains her work?</p> <p>(a) A collection of 101 groups of 10 makes 1 001 objects. (b) A pile of 1 001 objects can be divided into 100 groups of 1 with 10 left over. (c) A collection of 1,001 groups of 10 objects makes 100 objects plus 1 left over. (d) A pile of 1 001 objects can be divided into 10 groups of 100 objects with 1 object left over.</p>	