

CM Questions

Grades 4-6

- 1) There are two problems at the right. How much needs to be added to the smaller answer to make it 100 more than the larger answer?

651	329
<u>- 197</u>	<u>+ 97</u>

 1) _____
- 2) Juan lives 2 miles from his friend, Angelo. Juan can walk a mile in 18 minutes. If he leaves his house at 10:45 a.m., he will arrive at Angelo's house at _____ a.m. 2) _____
- 3) Raffle tickets to support the school's marching band sell for \$3 each or 4 tickets for \$10. What is the least amount of money Mr. Harvey has to pay in order to purchase 25 raffle tickets? 3) _____
- 4) Hank and Bob set their watches correctly at 12 noon Monday. Hank's watch is fast and gains 1 minute every 6 hours. Bob's watch is slow and loses 1 minute every 8 hours. At 12 noon the following day Hank's watch is _____ minutes ahead of Bob's watch. 4) _____
- 5) A group of young boys were playing musical instruments by the wharf in San Francisco. From 11 a.m. until 4 p.m. a total of 1300 people stopped to listen to them. The average number of people that stopped to listen each hour was _____. 5) _____
- 6) Fill in the one-digit numbers in the answer column so that the sum of each row, column and diagonal add to 15. (This is called a magic square.)

		6
3		
		2

 6) _____
- 7) When you multiply 6 and 10 the answer is _____ more than when you add 6 and 10. 7) _____
- 8) $a \Delta b = a - b + a - b$. For example: $6 \Delta 4 = 6 - 4 + 6 - 4 = 2 + 2 = 4$. How much larger is $12 \Delta 3$ than $10 \Delta 5$? 8) _____
- 9) Domingo does push-ups every 4 days. He lifts weights every 5 days. Last Monday he did both. On what day of the week will he next be doing both push-ups and lifting weights? 9) _____
- 10) If $9 \times 5 = 51 - \square$, find the number that belongs in the \square . 10) _____
- 11) Mr. Ziegler has 6 planks of wood 7 feet long and 5 planks of wood 8 feet long. If he places all 6 of the 7-foot planks in a line, they will be _____ feet longer than all 5 of the 8-foot planks in a line. 11) _____